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Photographic view of the Lloyd dam at Bhatgar ... ... Frontispiece.

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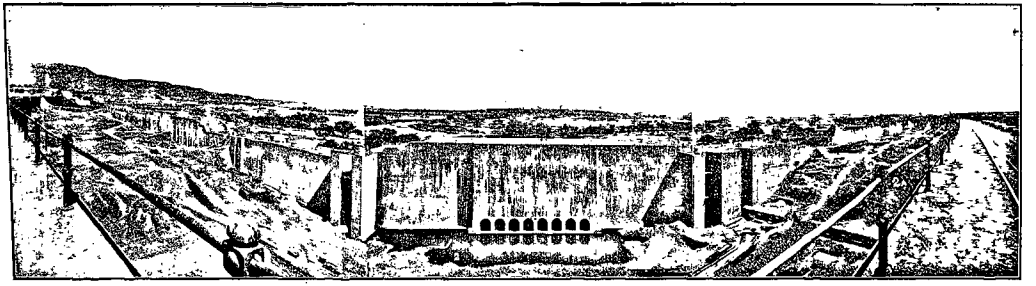

THE LLOYD DAM AT BHATGAR IN PROGRESS.

March, 1922.

Up-stream Elevation of New Dam, from top of Old Dam.

ADMINISTRATION REPORT

OF

IRRIGATION WORKS IN THE BOMBAY PRESIDENCY FOR 1921-22.

I.—GENERAL.

A.—Details of Direct Expenditure.

In the year 1921-22 the direct expenditure (excluding collection charges) on all the Irrigation Works throughout the Presidency amounted to Rs. 138 lakhs compared with Rs. 111½ lakhs in the previous year, and Rs. 96 lakhs, the average of the last three years. The total is classified and divided between the Presidency proper and Sind as follows:—

	Deccan and Gujarát.	Sind.	Total.
	Rs.	Rs.	Rs.
Works ...	45,16,132	12,27,128	57,43,260
Repairs ...	5,96,169	38,77,527	44,73,687
Establishment ...	14,32,685	17,80,043	32,12,728
Tools and Plant ...	1,50,331	1,87,447	3,47,218
Other charges ...	5,580	.....	5,580
Gratuitous Relief ...	.....	.....	.....
Suspense Account ...	—1,18,399	1,59,183	40,784
Receipts and recoveries on Capital Account ...	— 12,827	— 65	—12,892
Receipts and recoveries on Revenue Account ...	— 295	—2,915	— 3,210
Total ...	65,79,347	72,38,268	1,38,07,615

2. The distribution of the above expenditure under several Irrigation heads is given below:—

Heads.	Amount.	Remarks.
	Rs.	Rs.	
Capital Account—			
Productive Works	7,69,317		
Unproductive Works	42,36,351		
		50,05,668	Provincial.
Revenue Account—			
Productive Works	24,43,374		
Unproductive Works	13,44,797		
		37,88,171	Do.
Works for which no Capital Accounts are kept—			
1. Works for which only Revenue Accounts are kept ...	17,90,504		Do.
2. Works for which neither Capital nor Revenue Accounts are kept—			
Irrigation Works	25,02,007		Do.
Contribution Works	19,661		Deposit works.
3. Miscellaneous Expenditure	33,634		
		43,46,806	Provincial.
Famine Relief outlay on Irrigation Works	6,67,770		Do.
Grand Total ...		1,38,07,615	

B.—FIGURES FOR WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

3. The receipts on Capital Irrigation Works compared with the year's working expenses show a profit of Rs. 19,38,024 and Rs. 15,00,878 in Sind and the Deccan and Gujarát, respectively. If however interest charges on works in operation are taken into account the result shows a profit of Rs. 8,12,995 for Sind and a loss of Rs. 3,04,335 for the Deccan and Gujarát :—

Class of works.		Direct Receipts.	Indirect Receipts.	Total Direct and Indirect Receipts.	Direct expenditure.		
					Capital.	Working expenses (including the share of collection charges).	Total.
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Productive	Deccan and Gujarát.	6	3,596	3,602	...	3,183	3,183
	Sind	2,59,614	42,96,995	45,56,609	7,69,317	26,75,068	34,44,385
Unproductive	Deccan and Gujarát.	25,30,918	27,385	25,58,303	42,33,297	10,57,844	52,91,141
	Sind	5,571	4,84,844	4,90,415	3,054	4,35,932	4,38,986
Total, Deccan and Gujarát ...		25,30,924	30,981	25,61,905	42,33,297	10,61,027	52,94,324
Total, Sind ...		2,65,185	47,86,839	50,49,024	7,72,371	31,11,000	38,83,371
Grand Total, Deccan and Gujarát and Sind 1921-22		27,96,109	48,14,820	76,10,929	50,05,668	41,72,027	91,77,695
Grand Total, average of last three years ...		20,82,618	32,77,842	60,90,460	34,51,866	31,84,035	66,35,901

4. The area under irrigation showed, on the whole, an increase of 154,745 acres when compared with the average of the last triennium. The areas and estimated values of crops grown are contrasted in the following statement :—

Class of works.	Area.			Value.		
	1921-22.	Average of 3 years ending 1920-21.	Difference.	1921-22.	Average of 3 years ending 1920-21.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Productive—						
Deccan and Gujarát ...	401	820	—419	13,980	Information not available	13,980
Sind	1,951,450	1,843,918	107,532	6,28,11,034	5,78,06,389	50,04,645
Total ...	1,951,851	1,844,738	107,113	6,28,24,914	5,78,06,389	50,18,525
Unproductive—						
Deccan and Gujarát ...	258,728	242,414	16,314	3,93,10,934	6,52,86,856	—2,59,75,922
Sind	268,454	237,136	31,318	77,85,354	55,22,648	22,62,706
Total ...	527,182	479,550	47,632	4,70,96,288	7,08,09,504	—2,37,13,216
Grand Total ...	2,479,033	2,324,288	154,745	10,99,21,202	12,86,15,893	—1,86,94,691

C.—FIGURES FOR WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.

5. These may be works for which only Revenue Accounts are kept, or works for which neither Capital nor Revenue Accounts are kept or miscellaneous works. The receipts on these works are principally in the form of a share of the Land Revenue and are termed "Indirect" and as such are book credits, so that figures of revenue appearing in the Finance Accounts, as distinguished from the Statistical Statements accompanying the Irrigation Administration Report, are very small, being for direct

revenue only, *viz.*, proceeds from sale of water, etc. The area of irrigation on these very numerous works is always large, but it fluctuates to some extent with the seasons. The following statements give a comparison of this year's and the average of the last three years' figures:—

Class of works.	Revenue.			Expenditure.	Net Revenue.
	Direct.	Indirect.	Total.		
Works for which no Capital Accounts are kept.	Rs.	Rs.	Rs.	Rs.	Rs.
Works for which only Revenue Accounts are kept. Deccan and Gujarát	38,578	5,03,961	5,42,539	2,88,896	2,53,643
Sind ...	57,074	24,61,476	25,18,550	17,43,369	7,75,181
Total for 1921-22 ...	95,652	29,65,437	30,61,089	20,32,265	10,28,824
Average total for triennium ending 1920-21 ...	85,767	25,66,716	26,52,483	13,86,183	12,66,350
Works for which neither Capital nor Revenue Accounts are kept. Deccan and Gujarát.	20,426	.....	20,426	4,68,535	—4,48,109
Sind ...	14,880	9,44,812	9,59,692	21,20,839	—11,61,147
Total for 1921-22 ...	35,306	9,44,812	9,80,118	25,89,374	—16,09,256
Average total for triennium ending 1920-21 ...	30,452	9,32,341	9,62,793	19,19,376	—9,56,583
Miscellaneous (Irrigation) Expenditure. Deccan and Gujarát.	.....	.....	.....	32,178	—32,178
Sind ...	.....	.....	.....	1,456	—1,456
Total for 1921-22 ...	.....	.....	.....	33,634	—33,634
Average Total for triennium ending 1920-21 ...	.....	.....	.....	31,933	—31,933
Grand Total for 1921-22 ...	1,30,958	39,10,249	40,41,207	46,55,273	—6,14,066

NOTE.—In this report whenever the average is referred to, it is the average of the last three years, unless otherwise defined.

Class of works.	Area.			Value.		
	1921-22.	Average of the triennium ending 1920-21.	Difference.	1921-22.	Average of the triennium ending 1920-21.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Works for which only Revenue Accounts are kept—						
Deccan and Gujarát ...	160,959	139,858	21,101	84,67,077	78,23,778	6,43,299
Sind ...	1,003,844	935,523	68,321	4,23,44,074	2,71,21,210	1,52,22,864
Total ...	1,164,803	1,075,381	89,422	5,08,11,151	3,49,44,988	1,58,66,163
Works for which neither Capital nor Revenue Accounts are kept—						
Deccan and Gujarát ...	2,159	2,532	—373	1,57,104	1,81,879	—24,775
Sind ...	26,845	23,443	3,402	14,20,636	8,20,168	6,00,468
Total ...	29,004	25,975	3,029	15,77,740	10,02,047	5,75,693
Grand Total ...	1,193,807	1,101,356	92,451	5,23,88,891	3,59,47,035	1,64,41,856

D.—REVIEW OF IRRIGATION.

Description of Irrigation.

6. The conditions of cultivation in Sind are entirely different from those in the Deccan and Gujarát. In Sind the rainfall is usually negligible and the cultivation depends almost entirely on canal irrigation which is dependent on the inundation of the river Indus.

Inundation and rainfall in Sind.

7. The inundation of 1921 though late was on the whole very satisfactory. The rainfall was general and did much good to cultivation.

Irrigation and rainfall in the Deccan and Gujarát.

8. In the Deccan and Gujarát the cultivation depends upon rainfall and the tanks and canals are useful for the purpose of growing more valuable crops or to counteract, if necessary, the evil effect of a deficient or irregular rainfall. The irrigation schemes in this part of the country involve the construction of storage reservoirs and are

costly in comparison with those in Sind. In Gujarát the monsoon which started late was greatly in excess of the average of the past years and was on the whole favourable. In the Deccan however it was not satisfactory as in addition to its late arrival it stopped early.

Area irrigated and gross revenue.

9. The area irrigated in Sind during the year was a little over 3¼ million acres as against 3 million acres of the previous year and the gross revenue amounted to Rs. 85½ lakhs against Rs. 63½ lakhs of the previous year.

10. The total area irrigated in the Deccan and Gujarát was 422,000 acres against 431,000 acres of the previous year and the gross revenue amounted to Rs. 31¼ lakhs against Rs. 28½ lakhs of the previous year.

II.—SIND.

1.—NATURE OF INUNDATION AND RAINFALL.

Character of the Inundation.

11. The inundation of 1921 though late was on the whole very satisfactory. The peculiar feature of the year was the sustained low level during June and the first half of July, but the steady rise from the middle of July to the end of August entirely changed the situation. In the beginning of the season, rotations, where regulators existed, were resorted to, with a view to distribute equitably the supply available for rice seedlings and transplanting. The river commenced to rise by the middle of July but did not reach the fair irrigating level of 13 feet on the Bukkur gauge till the first of August. This level and above was registered for a period of 28 days, as compared with 30 days in the years 1919 and 1920, *nil* in 1918 and 20 days, the average of the previous triennium.

12. The fair irrigating level of 17 feet on the Kotri gauge was first recorded on the 23rd July and this level and above was maintained for a period of 55 days as compared with 49 days in the previous year, 81 days in 1919, 89 days in 1918, and 56 days, the average of the previous three years.

13. The highest readings for the year were 16·8 feet on the Bukkur gauge on the 10th August and 22·1 feet on the Kotri gauge on the 27th August, as compared with 15 and 21·4 feet on the Bukkur and Kotri gauges, respectively, in 1920 and the recorded maximum readings on these two gauges of 17·9 feet and 23·8 feet, respectively.

Rainfall.

14. The rainfall was general and at such times that cultivation was considerably benefited.

2.—INDUS RIGHT BANK DIVISION.

(i) WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

Desert Canal.

15. The Desert Canal was opened on the 15th May 1921 and it ceased to flow on 21st January 1922.

16. The course of the river at the mouth of the canal and for a certain distance above and below it continued the same as at the end of the inundation of 1920, although there was active erosion in places. From the middle of July to the end of August the water-level steadily increased and the kharif crops matured very well. The excellent river during September enabled a large area to be watered for rabi of which a large area was sown. The whole canal with its branches worked most satisfactorily. The full supply gauge reading of 10 feet or more was maintained for 28 days.

17. The Adiowah was opened on the 1st June with a gauge reading of 1·3 feet at its head. It ceased to flow on the 11th September 1921. Due to the low river in June the distributary did not flow till the 17th June. The water level, however, increased steadily and gave a very good supply both in the Adiowah and its distributary. This canal waters much high level land and its successful working is always therefore doubtful. The unusually heavy hill torrents in August cut both banks of the Adiowah, damaged some of the crops and silted up the canal in the first 4 or 5 miles. The canal consequently ceased flowing early and some crops failed to get a last watering. Had the torrents not occurred, the Adiowah would have enjoyed its best year since 1914.

Unharwah.

18. The Unharwah was opened on the 25th May with a gauge reading of 3·3 feet on the Head Regulator and ceased to flow on the 21st October 1921. In the beginning of the season the canal was fed by a Dhand taking off a bye-river, the head of the Dhand being 4 miles from the mouth of the Unharwah. In the last week of August the river however changed its course and the Unharwah Dhand is now fed directly from the main river. This canal had a very good season.

19. The Haibat loop, the Right Bank of the Unharwah and a small bank running upstream along the edge of the Unharwah Dhand form a compartment for impounding water let into it from the river. Water was allowed to flow from this compartment into the Unharwah on the 28th September and it continued to flow until the 21st October. This water was very beneficial to the kharif crops and for increasing the area under rabi.

20. The full supply level of 10 feet or more was obtained for 45 days.

21. The Begari Canal was opened on the 20th May with a gauge reading of 4 feet at the old Head Regulator and it ceased to flow on the 15th November 1921. The channel feeding the Begari was canalized by single groynes which resulted in scouring the silt deposited in it during the abkaiani of 1920, and on the whole the canal worked excellently. Begari Canal.

22. The Choi Branch of the Begari Canal takes off from mile 6, *i.e.*, just above the Choi Head Regulator. It silts badly. To give full supply to this branch a gauge reading of 12 feet has to be maintained upstream of the Choi Regulator.

23. Rotations were ordered in June and July when the river was low, and in September and October in order to distribute water properly. The crops were generally very good almost 50 per cent. of the Kabuli area being cultivated.

24. Every effort was made to improve the supply in the two branches Eden and Sirwahs which suffer from chronic deficiency. They worked fairly well. Two feet of clearance had been done in the tail of the Begari and further clearance in the heads of the Eden and Sirwahs during the working season of 1920-1921, and this improved matters.

25. Towards the end of the season, a rotation was given at the 47th mile regulator which saved the high lying kharif crops in the reach just above the regulator.

26. Full supply gauge reading or more was maintained for a period of 40 days, which was a very good record.

27. The new right bank bund commenced last year was completed during the year at a total cost of Rs. 1,45,594.

28. The Mahiwah was opened on the 26th May and ceased flowing on 9th October 1921. The whole Mahiwah system worked satisfactorily throughout the season. Mahiwah.

29. During the inundation there was active erosion at the head of the Masuwah which continued till the end of September with the result that there was deficiency of water along this canal. This deficiency was however overcome by letting the Mahiwah water into the canal. The main current is now about 600 feet away from the Masuwah head and no further erosion is anticipated.

30. The proposal to abandon the project for remodelling the Sehar Canal is still under consideration. Sehar Canal.

31. The Sukkur Canal has two heads, one Rahuja and the other the old head. Rahuja head gets its supply from Dhoro B, which is fed by the bye-river just near Rajib canal head. It has been given a new mouth this year at a cost of Rs. 12,735. The Dhoro which has been canalized by constructing single and double groynes, worked very satisfactorily. The Rahuja head was opened on 23rd May 1921 and worked very satisfactorily. The gauge at Shikarpur Road bridge maintained its full supply level and above for 35 days against 39 days last year. The gauge reading of 18 feet and over was maintained for 21 days. The maximum gauge reading during the year was 18·1 feet on 12th August 1921. The Rahuja head stopped flowing on 12th November 1921. The old head was however opened on 29th September which helped to mature the kharif crops as well as gave rabi supply and was closed on 28th March 1922. Sukkur Canal.

32. The canal was widened to a certain extent from mile 10 to 23. The old head was also widened in order to increase the discharge required for rabi cultivation.

33. The two branches Kur Khairo and Kur Biro worked fairly satisfactorily. There were no complaints except at their tails which are being improved.

34. The Ghar Canal was opened on 15th May 1921, when Bukkur read 4·1 feet. The gauge at its head rose to 12·8 feet maximum on the 10th August against 12·4 feet of the previous year and 12·7 feet of 1919. The Larkana gauge was allowed to go up to 16·7 feet as compared with 16·5 feet of the previous year. The full supply level of 16·0 and over was allowed for 28 days only as compared with 45 days of previous year. The higher level was not let down for fear of breaches in Kambar Subdivision. The canal worked satisfactorily and ceased flowing on 14th October 1921. Ghar Canal.

35. The Ghar Dhand which has been canalized to a great extent, worked very satisfactorily. The work of constructing groynes to further canalize the Dhand was continued this year and it is proposed to continue it next year also. The river receded at the end of this year's inundation by about half a mile just opposite the mouth of the Ghar Dhand leaving a new Dhand about 1¼ miles below it. This new Dhand got back water up to 3·5 feet on Bukkur gauge from its downstream end.

36. The Fordwah, which is a feeder to the Ghar Canal, was opened on 1st June but had to be kept partially closed so as to keep about 16·0 feet at the Larkana gauge for fear of breaches in Kambar Subdivision. It ceased flowing on 19th November 1921.

37. The Naurang and the Nurwah into which the Ghar Canal bifurcates at its tail started flowing on 26th May. The maximum reading was 13·4 feet on 16th August 1921 against 13·0 feet of the previous year. The full supply level of 12·0 feet and over was maintained for 43 days against the same number of days of the previous year. Both the canals worked satisfactorily and ceased flowing on 19th November 1921.

38. The proposal to construct a Head Regulator over the Naurang and the Nurwah has been held in abeyance as they will be affected by the proposed Right Bank Canal of the Sukkur Barrage Project. The work of providing stone-pitching at their heads in order to rectify bad scour and of removing bends along mile 2 and $\frac{3}{4}$ of the Naurang was also carried out this year.

39. The Nasrat *ex*-Ghar which takes off from the Ghar Dhand was opened on 27th May and ceased flowing on 9th October 1921. The maximum readings were 12·0 feet upstream and 10·5 feet downstream at its 2nd mile regulator. The full supply level of 10·0 feet and over was maintained for 17 days. The new Nasrat extension was completed in March 1922 at a cost of Rs. 47,398, the expenditure during the year being Rs. 17,798. The result of the working of this extension will be known after the inundation of 1922.

Sattah Canal.

40. The Sattah Canal takes off from the Naro which is fed from the Indus on the left bank. It has a length of 26 miles and passes through Jati and Shahbunder talukas.

41. The canal was opened on the 21st June 1921 when Kotri read 13·3 feet. A new mouth was given to the canal last year which worked very *well* in the beginning of the inundation; but when the river overtopped its banks, the river spill crossed this new channel and completely silted it up. The river *spill however gave* the canal a sufficient supply. The channel has been thoroughly cleared this year.

42. The crops on this canal were exceptionally good. In the first 8 miles the land is very low and the karias draw off all the water they can. There is practically a continuous flow of water through the rice fields at this place and the tail gets little water. Any extra quantity let down the canal has no effect on the supply at the tail till the karia sluices are reduced. The duty on the canal is about 10 acres per cusec due to consumption of excessive supply in the upper reaches through large karia heads.

(ii) Works for which only Revenue Accounts are kept.

43. The principal canals under this head are the Sind, Western Nara, Pritchard, Pinyari, Kalri and Baghar Canals, but the question of classifying them as Capital works is under consideration.

Sind Canal.

44. The Sind Canal was opened on 24th May and ceased flowing on 7th October. The whole canal system worked well. There were 2 breaches in Cut No. 1, Sind Canal, mile 18/6 to 21. A little damage, was done to the kharif crops but it was more than counterbalanced by the increase in rabi cultivation.

45. The season in the beginning was dull and unsteady and the people did not undertake much cultivation with the result that the crop was mostly late. The kharif sowings though retarded were carried on vigorously with the rise in the river and the total area was about normal. Late rise in the river affected the area under rice. Rabi cultivation was more extensive than usual.

Western Nara.

46. The canal was opened on 21st May but the Head Regulator was kept partly closed to let down water gradually. On the same date the gauge read 9·7 feet and 4·0 feet on Up and Down stream, respectively, corresponding with 4·1 feet at Bukkur. The Regulator was fully opened only on the 7th June and was kept so till the first of August, when the gauge read 13·1 feet, which was 3 feet over the full supply reading of 12·8 feet. It was proposed to let down more water gradually and as much as the banks could safely hold, with a view to make up the deficiency in Mehar Subdivision. The Abad bund however breached on the night of 3rd August and although the reading on the downstream gauge of the Head Regulator was raised to 13·3 feet on the 5th August, it was considered necessary to cut off the supply and be prepared in case the breach water found its way into the Nara. This did happen, but as the Nara was already reduced, the breach water entering the canal at the 28th mile did not do any damage and was safely carried by the canal.

47. As usual the supply in the beginning of the season when much water is not needed in the upper reaches, was fairly good in the Mehar Subdivision, but as soon as the karias in the upper reaches of the canal were opened the water-level in Mehar Subdivision fell rapidly, and the gauge at the 83 mile was dry from the 14th June to 31st July. Water could only be sent down to this portion of the Nara by resorting to rotations in Labdaria, Dhamrao and Mehar (Upper reaches) Subdivisions. These rotations continued from the 25th June to 3rd August and were only stopped on account of good rains. Rotations were again started on the 19th September when all the big branches of this canal upstream of Kakolwah were closed for the benefit of this Subdivision. The cultivation of lands in this portion of Nara from mile 78 to 89 is very precarious and depends largely on rotations for maturing it.

48. The new Feeder to the Western Nara which was excavated in the year 1893 seems to have worked well up to 1903-1905, but has proved a failure since the new Akil Mouth to Nara has been excavated. It tails into the Nara at mile 83 where the water-level is generally higher than that in the Feeder itself. The canal has silted to a great extent and is not very helpful as a feeder. Proposals to separate the Feeder from the Western Nara and improve the supply in Mehar and Kakar Talukas are being investigated with a view to prepare a project.

49. The Pritchard Canal is at present receiving its supply direct from the main channel of the Indus. There was no erosion at its mouth during the year under report. There was some silt in the upper reaches of the New Cut which is 6 miles in length and this was cleared out in the cold weather (1922). The canal was opened on the 30th May and ceased to flow on the 10th October, having attained a maximum gauge reading of 13·7 feet on the upstream side. It has a designed discharge of 2,000 cusecs and during this inundation the maximum discharge was 2,017. Regulation was carried out on the 2nd Head Regulator to benefit the New Waburwah which received its supply direct from the Pritchard Left Bank this year. The Regulator was partially closed from 3rd August to 10th September 1921 as there was sufficient water in the lower reaches. This seems to have silted the channel as the canal stopped flowing when Bukkur was reading 4 feet instead of 2 feet or less as in the past 3 years. Pritchard Canal.

50. At present there is a cross regulator at mile 21/2 above which Juberji branch and escape channel take off. The Regulator was closed only for 2 days during the inundation season to help the crops on the Juberji, the tail of the Kudanwah and 5 miles of the Pritchard above the Regulator. The maximum gauge obtained on this Regulator was 11·2 feet against the designed full supply of 10 feet. The Regulator was also closed from 4th to 11th August to relieve the Western Nara from the extra water brought down by hill torrents in Dadu Subdivision. Several leaks occurred in the banks of the canal below 13th mile but they were immediately closed.

51. The branch canals worked satisfactorily.

52. The Pinyari Canal is 67 miles long and is the chief source of supply in the Mirpur Bathoro, Sujawal and Jati Talukas. It flowed on 27th April 1921, with gauge reading of 4·5 feet at its head. The canal carried full supply level of 13 feet and over steadily from 23rd July to 13th September, *i.e.*, 53 days against 47 days of last year. In the beginning of the season the branches in the upper reaches of the Pinyari suffered from deficiency and rotation was adopted at the Daro and Shorewah Regulators to help transplantation. At the tail of the Pinyari there was sufficient water throughout the season, resulting in bumper crops. Pinyari Canal.

53. The Kalri Canal takes off from the river on its right bank near Luka and runs south-west through the middle of Tatta Taluka and tails into the Mirpur Sakro Taluka. It was opened on 23rd June 1921 when Kotri was 13·9 feet and flowed with a depth of 4 feet of water. It worked very well throughout the season and stopped flowing on 6th October when Kotri read 12·9 feet. The full supply of 13 feet and over was maintained for 43 days against 40 days of the previous year. The crops on the canal were quite satisfactory. Kalri Canal.

54. The Baghar Canal is one of the deltaic mouths of the river Indus and takes off its right bank near Aghimani. It is 93 miles in length and passes through Tatta, Mirpur Sakro, and Ghorabari Talukas and tails into the sea through Sheikha creek. It began flowing on 10th May with 5·4 feet of water at the head when Kotri read 9·0 feet and continued flowing till 18th November 1921. Owing to the late rise in the river, the branches flowed late and some of the rice seedlings which could not get water in time withered. A regulator at the head to cut off surplus water and avoid breaches in the canal banks, is under contemplation. Baghar Canal.

55. The following are the principal works which were in progress or carried out during the year under report:— Works in progress or completed.

Works in Progress.	Expenditure during 1921-22.
Karachi Canals District.	
	Rs.
Constructing a Head Regulator over Mahmudawah	9,244
Raising and strengthening Baghar Uchito bund	1,08,689
Raising the Belo loop	99,125
Raising and strengthening M. S. Bund Rajwah to Gungri ...	47,507
Do. do. Gungri to Khanto ...	27,423
Constructing New Thahimani Gulel loop	82,193
Western Nara District.	
New head to Upper Nurwah	4,395
Raising and strengthening Abad bund	15,047
Begari Canals District.	
Constructing new Araz loop to Sukkur Begari bund miles 17 to 21 (S. C.)	3,47,990
Ghar Canals District.	
Improving the Rajana Agani bund	7,670

WORKS COMPLETED.

	Rs.
Karachi Canals District.	
Constructing a head Regulator over Ghar Marho	1,096
Excavating escape channel from Karo Gungro	37,097
Western Nara District.	
Purchase of Local Fund Bungalow at Radhan	11,500
Shikarpur Canals District.	
Constructing a rotation Regulator in mile 7/4 of Mahesro Canal .	2,405
Removing a bad bend below miles 18/2 to 21/6, Sind Canal ...	8,019
Acquiring land for removing bends along Sind Canal ...	12,883
Acquiring land for removing bends along Garang and Chitti Canals	4,162
Begari Canals District.	
Trenching Gouspur loop	31,168

3.—INDUS LEFT BANK DIVISION.

(i) WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

56. The canals in the Left Bank Division fall under two groups, *viz.*, (*a*) the Eastern Nara system and (*b*) Canals taking off direct from the Indus.

57. Under (*a*) are the Nara River, the Jamrao, Mithrao, Khipro, Thar and Hiral canals, all of which except the Khipro Canal, which flows during the inundation only, are perennial. The Thar canal is however closed on or about the 1st December each year to save the land under command from being water-logged.

58. Under (*b*) are the Dad, Nasrat, Fuleli, Hasanali and a large number of smaller canals which are all classed as inundation canals though the Fuleli receives a fair rabi supply.

(*a*) *The Eastern Nara System.*

Nara Supply Channel.

59. The Nara Supply Channel is an artificial cut 12 miles in length, taking off the river Indus on its left bank above Rohri and forming the mouth of the Nara. Its discharging capacity is above 20,000 cusecs during high inundation. The Nara river below the channel has no regular banks and the result is, that when the discharge in the channel exceeds 5,000 cusecs, the water overtops the banks and touches the Flood Diversion Bund on the east and the hills on the west.

60. In the previous year the Channel was closed and cleared in a width of about 50 feet in the first 28 miles and its bed was kept about 3½ feet higher at the Head Regulator than its sill and given a gradient of 1 in 15,000 for ensuring a fair supply of water in the early part of the kharif season of the year under report for cotton and rice crops on the Jamrao and other canals depending on it. The left bank of the Channel was also extended by means of a stone pitched groyne by about 1,500 feet with a view to prevent silt from being deposited in the beginning of the inundation of 1921 when erosion was expected on the left bank. The channel was opened on 3rd March 1921 with a discharge of 230 cusecs and worked fairly well till about the middle of May when owing to active erosion on the left bank of the river it began gradually to silt up until in the first week of June the waterway was reduced to about half notwithstanding a rise of 6 inches in the river. As the river was late in rising the average discharge at head of the Channel which was silted up was about 2,400 cusecs in May, about 4,000 cusecs in June and the first half of July. In the latter half of July when the Bukkur gauge rose to 11 feet the Channel scoured and the discharge increased to 8,000 cusecs. It went up to 14,000 cusecs on 3rd August and to 20,700 cusecs, the maximum during the year, on 10th August. The Jamrao and the other canals fed by the channel had therefore a very unsatisfactory supply in the kharif season and the area of cultivation on them was much less than the normal. The channel was slightly silted up in the rabi season when the river fell and at the end of November it was feared that the supply would be deficient and that the rabi crops would suffer; but the river suddenly rose 3 feet on 27th December and the supply was sufficient to bring the rabi crops to maturity.

61. The Head Regulator was kept fully open throughout the inundation and the maximum gauge reading at the regulator during the year was 24·4 feet upstream and 23·7 feet downstream on 10th August 1921, when Bukkur gauge read 16·8. The maximum gauge reading at 12th Mile of the channel was 27·6 feet on 22nd August 1921.

62. The pitching at the nose of the pucca left bank which had been disturbed during the abkalani was renewed in the cold weather and parts of the banks in the first 12 miles which had been badly scoured were pitched with stone and protected by stone groynes at a total cost of Rs. 5,560.

63. In March 1922 a cut was made at mile 25 to remove a bend and to keep the channel away from a sand hill which is heavily eroded and has been causing heavy deposits of silt.

64. The length of the Nara from the end of the Nara Supply channel to the Jamrao Head Works is about 96 miles and from the Jamrao to the Thar Weir about 100 miles. It commands over 500,000 acres of cultivable land. The area cultivated during the year on the Nara in the Eastern Nara District was about 52,500 acres against 50,407 acres in 1920-1921 and 47,633 acres, the average of the previous three years. The Nara.

65. The Nara below Makhi is being gradually improved. The raising and strengthening of the inner bunds from Makhi to Bakar which was completed during the last cold season will allow a higher level to be admitted below Makhi with comparative safety and thus improve the supply to Khipro, Thar and Hiral Canals. Last year on account of the erosion of the Nara just above Bakar, groyning was carried out and has proved very successful, as have groynes constructed further down. The construction of the inner bunds and the groynes at Bakar will enable silt from above to find its way lower down to fill up depressions in the bed. The Makhi Dhand forms a reservoir for the storage of water for rabi cultivation on the Mithrao. The Mooral and Baghdad Sang sluices which feed this Dhand were opened on the 2nd August and closed on 13th September 1921, but the level of water in it was not high enough to be of any use to the Mithrao.

66. The capital expenditure on this canal during the year amounted to Rs. 25,045, incurred mainly on (1) Constructing Office Building for the Executive Engineer, Southern District Jamrao Canal, (2) Converting 17th Mile West Branch Road Bridge into a Regulator, (3) Extension of Potho Minor, (4) Construction of a Distributary Ex 109th Mile Jamrao Canal and (5) Improvements to Jamrao Canal Head Works. This year the undersluices were kept tightly closed from the middle of July onwards and though the Approach Channel could not be scoured out when two attempts were made to do so in September, the amount of silt that entered the Jamrao at the end of the season was much less than in each of the previous two seasons. Jamrao Canal.

67. It was hoped that by keeping the shutters on the weir raised throughout the kharif season, there would be sufficient afflux always available at the weir to enable the Approach Channel to be thoroughly scoured by opening the undersluices and closing the Head Regulator of the Jamrao. This, however, did not prove to be the case and the scheme for providing a simple form of regulator on the weir by which it is expected to create the necessary afflux was sanctioned during the year.

68. The maximum and minimum discharges measured above the weir were 12,011 cusecs on 2nd September 1921 and 108 cusecs on 1st April 1921 respectively.

69. The area cultivated during the year was about 189,800 acres as compared with 174,629 acres last year and 223,587 acres, the average of the previous three years. The area under cotton was nearly 60,000 as compared with 108,072 acres in the last year and 111,805 acres, the average of the previous triennium, as the river was late in rising during the kharif season and fell early in the month of October. Good and timely rainfall resulted in a large extension of the area under Bajri crops. From the beginning of November the river began to fall rapidly and as the discharge of the Nara fell to the very low figure of 468 cusecs by the middle of December, Zamindars were discouraged from doing much rabi cultivation. By strict rotations, however, the rabi cultivation was brought to maturity. Cotton crop gave a satisfactory yield and the long felt deficiency of fodder disappeared. Owing to the closure of the Nara for clearance in March and to the short supply available in April there was little or no adhava cultivation. The kharif area was less than last year, but the area under Bajri showed an increase over the previous year's figures. Rabi area was 59,782 acres against 10,474 acres last year and 59,847 acres, the average of the last three years. An allotment of new land to the extent of 13,952 acres was made during the year on this canal.

70. This is a perennial canal taking off the Nara above the Makhi Regulator. Mithrao Canal.

71. Owing to the completion of the Makhi Distributaries the water supply of lands in the Nara Sub-division is no longer drawn from the main canal. With 11 feet below Bakhoro the full supply level of 9·5 feet at Kanahar is obtained.

72. The water supply in the beginning of the season was extremely poor, the discharges being 227 cusecs on 19th June and 606 cusecs on 10th July, and rotations had to be resorted to which kept alive seedlings till the position was saved by rains and a rise in the river.

73. Makhi Left and Chotiari Minor worked fairly well this year and Makhi Right worked better than in previous year owing to improvements by means of groyne work at the head; further raising of berms and groyne work was done in the last cold weather.

74. Due to heavy rains the water from the east entered the Makhi Right Distributary and has damaged the tail portion and washed away the banks in some places. In

order to avoid the expenditure of clearing and maintaining the portion of the Distributary for the sake of one tail karia, the karia has been allowed a permanent mouth from the main canal getting water with the 9th mile rotation.

75. The full supply at 30th mile could only be maintained on rotation days and before the rainfall deficiency was felt on branches and distributaries and karias taking off from the main canal.

76. The capital expenditure on this canal during the year amounted to Rs. 5,956 on Makhi Right and Left Distributaries *plus* Rs. 91,094 spent on remodelling Right and Left Bank Branches Ex 9th Mile Mithrao Canal.

77. The area cultivated during the year under report was approximately 75,500 acres as compared with 90,200 acres in 1920-192Land 101,567 acres, the average of last triennium.

78. This canal was opened on 18th May 1921 and worked well, water being properly distributed by rotations throughout the season. The Hiral Head Distributary did not work satisfactorily during the year under report. It got practically no water in June and July, but in August and September when the river was high it got a fair supply to mature the crops sown on rain water. In order to ensure designed discharge to the Distributary it is proposed to lower the pavements of the masonry work and the bed of the Distributary. Other minor improvements are also under consideration.

79. The cultivation during the year was about 11,900 acres against 13,700 acres in the last year and 14,385 acres, the average of the last three years.

80. The capital expenditure of the year amounted to Rs. 1,623 only and was incurred on constructing Head Distributary Hiral.

81. 584 acres were allotted on this canal during the year under report.

82. This canal was opened on 8th May 1921. Owing to low supply rotations had to be resorted to on the main canal upto the end of July and water was properly distributed on all branches and distributaries throughout the whole season.

83. The approximate cultivation during the year was 39,200 acres against 43,536 acres during the last year and 49,695 acres, the average of the past triennium.

84. The 3rd Mile Right and 7th Mile Left Bank Distributaries constructed during 1919-1920 did not work properly this year owing to the excessive draw off by karias in the upper reaches which resulted in deficiency at the tail where the karias were given mouths direct from the main canal. The adjustment of sluices is very necessary and will be carried out next cold weather.

85. The Khipro Canal was flowing from 24th July to 10th October 1921.

86. The clearance done last year and during the year under report proved beneficial. Double groynes were also constructed in the bed and side of the Nara ½ mile above and ½ mile below the present mouth of Khipro Canal with a view to improve the supply to the canal.

87. The cultivation during the year was 2,700 acres against 2,200 acres last year and 2,388, the average of the previous triennium.

(b) Canals taking off direct from the Indus.

88. The canal was opened on 29th May 1921. It received full supply for 10 days only and was closed on 10th October 1921. Throughout the season practically all the intermediate regulators had to be rotated. The early part of the season was decidedly bad for the main canal and branches and in consequence the cotton tracts of the Nasrat Sub-division suffered considerably. The canal has not been working well for some time and the clearance of tails of branch canals and part of the main canal will give temporary relief to the zamindars at the tail. The waterway of many karias which are drawing excessive supply will also have to be reduced.

89. The work of excavating a new head to Madad and Lundo was completed during the year and it is hoped that the canals will get a very good supply.

90. The cultivation during the year on this canal was 70,941 acres against 78,292 acres in the last year and 73,714 acres, the average cultivation of the previous three years.

91. The total expenditure on the construction of karias and kasis upto the end of the year on the canal amounted to Rs. 2,88,722.

92. An allotment of 1,428 acres was made on this canal during the year under report.

93. The canal was opened on the 29th of May 1921. It received full supply level for 32 days and was closed on the 1st of November. During June and July when the river was low rotations had to be resorted to.

94. During the year most of the karias that were drawing an excess supply had sluices constructed over them with the result that water reached to the tails of Subrab, Nar and Yaro Canals where deficiency was always felt in past years. The construction of a regulator at 56th mile of the main canal was also started during the year which when completed will increase the supply of water in Mubarakwah. Two more regulators, one at 65th and the other at 72nd mile of the canal, are necessary to stop breaches at the tail. The tract round about Daulatpur in Moro Taluka was under flood water as usual. The left bank of Suhagan which was raised to about 2½ feet above H. F. L. was again over-topped and water crossed Suhagan and Herbertwah breached banks and touched the right bank of the Baderwah. The work of strengthening and raising the right bank of Suhagan was therefore carried out.

95. The cultivation during the year on this canal was about 96,500 acres against 106,494 acres in the last year and 98,669 acres, the average of the previous three years.

96. A sum of Rs. 4,890 was spent during the year on the construction of a regulator at the 56th Mile. The total approximate expenditure on the construction of karias and kasis to the end of the year under report amounted to Rs. 1,32,000.

97. New land to the extent of 975 acres was allotted during the year.

98. The Ren Distributary which takes off from the Dad did not get sufficient water during June and July on account of rotations on the Dad canal. There were some complaints of deficiency of water which were partially removed by resorting to rotation at the triple regulator over Ren Distributary mile 6/4. There was good rainfall by the middle of July which helped the crops to a great extent.

99. The canal worked well during the year and the repairs to the banks below Alipur Regulator made it possible to increase the down stream gauge to 17·3 feet against 16·7 feet of last year. In spite of this increase the full supply reading of 8 feet was not attained at the Triple Sluice for some time, as the draw off by certain branches to which improvements were carried out was greater than before and the bed of the Fuleli had silted to some extent owing to the Escape being kept closed throughout the rabi season, which was necessary to meet the legitimate demands of the rabi canals in the cold weather when the river was very low. In August full supply level was attained everywhere and the Escape was opened from 1st to 5th, 12th to 14th and on 16th.

100. The old Fuleli worked very well inspite of the low river in the beginning of the season and flowed for 130 against 119 days last year.

101. Rotations at Alipur Regulator were carried out to save crops in Guni and Dero Mahbat Sub-divisions and were very successful.

102. The area cultivated during the year was nearly 380,000 acres against 385,382 acres in the last year and 382,475 acres, the average of the previous three years.

103. The capital expenditure on this canal during the year under report amounted to Rs. 1,29,052 and was incurred mainly on constructing the new head regulator on the Fuleli at Jamshoro.

104. This canal worked well and the lower reaches benefited considerably from the construction of pucca sluices in the upper reaches with a view to improving the supply and reducing silting in the tail branches of this canal. A bad bend was removed from taki 801 to taki 877 which reduces the length of the canal by about 1½ miles, with very satisfactory results. A second bad bend from taki 632 to taki 705 is also being removed with the same object.

105. The construction and reduction of sluices taking off direct from Hasanali which was taken in hand last year was completed during the year under report at a cost of Rs. 1,220. The work of constructing a sluice on karia Sama Ex Hasanali was commenced during the year and Rs. 313 spent on it.

106. The approximate area cultivated during the year was 30,000 acres against 17,178 acres cultivated in the last year and 18,046 acres, the average of the previous three years.

107. All the canals in this District worked satisfactorily on the whole although there was deficiency of water in Alibahar in the beginning of the season. The mouth of the Sarfraz Canal which was groyned during the working season worked well. The work of constructing a Head Regulator over Alibahar which was in progress during the last year was completed during the year under report at a total cost of Rs. 59,491, the expenditure during the year being Rs. 21,165.

108. The cultivation in the whole of the Hyderabad Canals District for the year was about 254,300 acres against 258,097 acres in the last year and 254,334 acres, the average of the past three years.

(II) WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

109. The principal canals under this head are Naulakhi, Mehrab and Dambhro in the Nasrat Canals District and Ren, Gharo Mahmudo, Kari Shumali and Nasir in the Hyderabad Canals District. The Mehrabwah worked most unsatisfactorily. The supply in Naulakhi and Dambhro was deficient in the beginning of the season owing to low river but improved later on. The other canals worked fairly well.

4.—PROTECTIVE EMBANKMENTS.

110. The maximum gauge reading on Bukkur was 16·8 feet on the 10th August 1921, compared with 15·0 feet during 1920. The water touched the whole line of the Kashmor Bund including the 1896 and Gouspur loops. Five cuts were made in the front bund (1896 loop) for soaking the Gouspur loop which was trenched last year in order to prepare it as the first line of defence in case the 1896 loop was eroded away. The maximum depth of water impounded in the compartment between the Gouspur loop and the right bank Begari bund was 10·3 feet.

111. Owing to a heavy gale causing heavy wave wash considerable damage was done to the new right bank Begari bund. The bund breached in five places almost simultaneously through leaks and the flood water entered the Begari Canal, where it was held up by the Head Regulators of the main canal and the Choi branch and the old left bank bund of the Begari. The latter withstood the water for about three days but eventually breached through an under ground leak and considerably relieved the pressure on the new head regulator and the Gouspur loop. The Head Regulator was very severely tested.

112. The erosion of the river which was very active during the last year opposite miles 4/5 to 5/3 of the 1896 loop gradually changed towards mile 4, as a result of which active erosion ceased at the point where it was anticipated the bund would be eroded. The 1896 loop is thus so far safe as the least distance from the pucca edge of the river to the toe of the old 1896 loop is now 700 feet. The danger has not, however, disappeared as the river is still on the right bank, the set being now at mile 3/3 to 3/4.

113. All the bunds in the Shikarpur Canals District withstood the floods that came against them. Excepting a leak in mile 4/2 of the Flood Diversion Bund which developed into a breach, all others were promptly detected and closed. The breach water flooded and submerged the village of Mando Dairo. To reduce the depth of water in the village two artificial cuts were however made in the cross bund connecting the Kasimpur bund—an abandoned river embankment—and the water rushed through these cuts and relieved the pressure. The breach caused no damage; on the contrary there will be much rabi cultivation, and the breach water a god send, as the land in this portion had had no water for the past seven years.

114. Owing to the high level of the river, there was heavy pressure of water against the bunds in the Ghar Canals District. The danger through one of the sluices in mile 15/1 of the Saidabad Bund having its downstream pitching washed away, was averted only by prompt action.

115. The length of the river bunds in the Western Nara District is 101 miles. The sudden rise of the river caused a serious breach in mile 2/2 of the Abad Bund which was eventually closed. The bund in this length is mainly composed of very bad kalrish soil and rests on treacherous ground. Strenuous efforts were made to prevent the breach water joining the Western Nara and to divert it along the line of least damage to the extensive and fertile rice tract of the country on the right bank of the Nara in the Talukas of Labdaria, Larkana, Warah and Mehar and also to prevent the important towns of Dokri, Badeh, Nasirabad and scores of other villages being flooded. By breaching the Loung bund and banks of the new Feeder to the Western Nara at several places and giving a new cut to the bund in mile 17/6 some of the breach water drained back to the river. Efforts were also made to lead the breach water from Pateji tail across the Young wah to Vheji Dhand with a view to cause the minimum damage to the kharif crops and villages in the Mehar and Kakar Talukas. The damage to the kharif crops will be more than compensated by extensive rabi cultivation.

116. To prevent future mishaps plans and estimates for raising and strengthening the bund have been sanctioned and the work will be completed before the inundation of 1922.

117. All the bunds in the Karachi Canals District stood well though they had to bear a severe strain both owing to the high level of the river and to wavewash. The new Thahimani Gulel loop was tested. There were several underground leaks which were successfully closed.

118. Erosion is active near several parts of the bunds but so far they are at a safe distance from the river.

119. The total mileage of bunds in the Nasrat Canals District is 15 miles and all stood water pressure well.

120. The flood water touched the Ren Bund in August 1921 and wetting was done by the beldar establishment. The work of raising and strengthening this Bund was carried out during the year under report and an expenditure of Rs. 2,768 incurred on it.

121. The new loop behind the Ghallian Bund was completed and wetted during the inundation. The heavy erosion in front of the Ghallian Bund has stopped. The Jamshora front bund was raised to Indus River Specification level and section and the pitching was repaired and reset where it had been damaged by the heavy wave wash to which it is exposed.

122. The Hajipur Bund was repaired and raised in places and is now nearly up to Indus River Commission section.

123. Rain in August 1921 did a good deal of damage to the front and back slopes of the bund and wave wash did great damage in three places where there are no trees or jungle on the foreshore to break the force of the wind and waves. In the fourth mile these waves are very heavy and as there is no stone pitching there diagonal groynes have been constructed to break their force. Endeavours are also being made to encourage the growth of lai jungle on the very narrow foreshore in this reach.

5.—INDUS RIVER COMMISSION.

Indus River Commission—Works and their classification.

124. The expenditure on works and surveys was charged to "15-Other Revenue Expenditure financed from ordinary Revenues—Works for which neither Capital nor Revenue Accounts are kept".

Surveys of the Indus.

125. The total length of the survey traverses done during the year was 938 miles showing a decrease of 235 miles as compared with the previous year's record. This decrease was due to enconomy in method. The Indus from about 16 miles above Kashmor to its bifurcation at the delta (522 miles), the Haidri river (24½ miles) and the Ochito (5½ miles) were surveyed and plotted.

Nara river.

126. Survey of the Nara river from its mouth to a point 40 miles below was also carried out during the year.

Demarcating District boundaries.

127. The work of demarcating District boundaries was also in progress from Kashmor to Sukkur and then again from Naulakhi to Sita, a total river length of 110 miles, the intermediate portion between Sukkur and Naulakhi having been demarcated already by the Khairpur Boundary Commission.

Indus River Gauging District.

128. A new District called the Indus River Gauging District was formed in September 1921 for the purpose of recording and collecting accurate data regarding the discharges of the river and the withdrawals therefrom, with a view to a correct distribution of the water supplies between Sind and the Punjab. The control of River discharge observations already being conducted by the Indus River Commission was transferred to this new District.

River Gauges.

129. Gauge readings of the river were taken daily at 11 stations, twice a week at 4 stations and weekly at 6 stations.

130. The maintenance of all these gauges is necessary for the purpose of fixing the high flood levels for the river embankments, for recording the changes in level of supply at canal mouths and for observing any permanent changes in the level of the river.

Scientific Works and discharges of the Indus.

131. Discharge and other special observations were continued at Sukkur and Kotri as usual. The results will be published in the Indus River Commission Records. The total monthly discharge at Sukkur during the inundation season and the minimum, maximum and average discharges of the year, compared with the results of the previous four years, are as follows :—

Month.	1917-18.	1918-19.	1919-20.	1920-21.	1921-22.
	Cusecs.	Cusecs.	Cusecs.	Cusecs.	Cusecs.
June	7,238,000	13,257,600	3,350,000	5,452,000	5,377,740
July	8,603,000	9,809,600	12,136,000	15,422,000	9,297,597
August	13,941,000	9,924,000	14,032,000	14,606,000	14,623,021
September	12,985,000	5,924,000	7,488,000	4,726,000	7,763,473
Total ...	47,767,000	38,914,000	42,106,000	41,178,000	37,061,861
Average discharge ... Cusecs.	391,492	318,967	345,131	337,486	303,777
Maximum discharge ... Cusecs.	740,279	521,890	506,352	626,406	605,278
Minimum discharge June to September ... Cusecs.	126,049	92,901	135,136	102,600	96,869
Minimum discharge observed throughout the year... Cusecs.	28,063	21,724	31,017	22,532	26,078

Extensions and Improvements and special repairs.

132. The estimated cost of works under these heads sanctioned or approved during 1921-1922 by the Indus River Commission for execution by the Executive Engineers and by the Commission was as follows :—

District.	Extensions and Improvements.	Special repairs.	Total.
A—Indus Right Bank Division.	Rs.	Rs.	Rs.
Begari Canals	2,315	.....	2,315
Shikarpur „	.....	2,81,481	2,81,481
Ghar „	.....	6,883	6,883
Western Nara	168	11,657	11,825
Karachi Canals	1,13,948	1,26,953	2,40,901
Total ...	1,16,421	4,26,974	5,43,405
B—Indus Left Bank Division.			
Nasrat Canals	12,700	.....	12,700
Hyderabad „	.....	.....	.....
Fuleli „	6,934	.....	6,934
Total ...	19,634	.....	19,634
C—Indus River Commission.			
Works under the direct control of the Indus River Commission	14,191	.....	14,191
Grand Total ...	1,50,256	4,26,974	5,77,230

Total expenditure.

133. The total expenditure incurred and accounted for by the Indus River Commission was :—

	Rs.
Works	39,611*
Repairs	25,823
Establishment	1,43,038
Tools and Plant	30,429
	2,38,901

* Includes Rs. 14,307 spent on demarcation of boundaries between districts on the river side in Sind, which was charged to "41" Civil Works Provincial.

Erosion.

134. In Begari Canals District, there was heavy erosion in front of the 1896 loop to Kashmor Bund miles 3/2 to 6/1. The maximum rate of erosion was 122·5 feet per week opposite mile 3/6, the length remaining uneroded at mile 5/0 on 17th September 1921 was 700 feet only. The Gouspur loop of 1911 forms a retired loop behind this point of attack.

135. In Shikarpur Canals District there was heavy erosion opposite mile 16/5 to 17/4 of Sukkur Begari Bund, the maximum rate of erosion being 220 feet per week at mile 17/2, where there is no retired loop. The distance between the river and the bund which remained uneroded on 10th December 1921 was 1,747 feet. Erosion continues in this section, but a retired loop has been constructed.

136. In Western Nara District there was some erosion opposite the Western Nara Bund mile 100/2 to Chariowah. The maximum rate of erosion was 98 feet at mile 100/3 and the length remaining uneroded at mile 100/6 was 1,215 feet on 25th March 1922. If the erosion continues to be active in this section the river will reach the rocky hills near Sehwan.

137. In the Karachi Canals District erosion continued to be very active opposite the Thahimani Gulel loop. The river reached the toe of the Marho Emergency loop on 31st December 1921, when the distance between the river and the Thahimani Gulel loop was only 1,466 feet. Erosion is still active and the construction of a retired loop behind the existing Thahimani Gulel loop, the estimate for which has been sanctioned, is under consideration.

Sukkur Barrage Project.

138. The Sukkur Barrage Canals Project was submitted by the Government of India to the Secretary of State in December 1920. The final orders of the Secretary of State to start work are awaited.

139. The Sukkur Barrage Division was formed on 1st February 1921. It is working up all details necessary for preliminary work in connection with the Barrage Canals. The chief work being carried out is the close contouring of the whole tract commanded by the projected Barrage Canals. Up to the close of the year under report 5½ months field work in connection with the contouring was done representing

the taking of levels at close intervals over an area of about 2,300 square miles, involving over 9,200 lineal miles of levels. Whilst this work has been in progress the zeros of all existing canal and bund gauges met with have been checked and their true reduced levels will be worked out in due course.

140. Observations for water levels, and cross sections of the Indus at the site proposed for the Barrage were continued throughout the year under report as also observations of the Nara Supply Channel.

6.—MISCELLANEOUS.

Surveys, etc.

141. *Bench Marks.*—In the Ghar Canals District the Survey Department carried out the following levelling operations :—

(1) Along Railway line from Ruk to Sehwan.

(2) Along the road—

(*a*) Shikarpur to Kambar.

(*b*) Waraso *via* Shahdadkot to Ratodero.

(*c*) Madad Chandio to Mehar.

The following bench marks have been constructed :—

(1) Bench mark at Dostali.

(2) Bench mark at crossing of Shikarpur Khairo Garhi road with Kur Khairo.

(3) Bench mark at Chuto Bhuto.

(4) Rail bench mark No. 214 in survey No. 78 of deh Muradali.

(5) Bench mark on the bridge at mile 70 of Napat Sukkur.

(6) Bench mark on crossing of Kur Shah near village Karia Gurgej.

(7) Bench mark at Shahdadkot on the plinth of the District Bungalow.

(8) Bench mark in place of rail bench mark No. 220 opposite to 4th mile of road from Shahdadkot to Ratodero.

(9) Rail bench mark No. 111 3½ miles from village Sijawal towards Shahdadkot and 1/4 mile on south of road.

(10) Bench mark at Arzi Bhuto in the Public Works Inspection Bungalow.

(11) Bench mark at Mir Mahomed Khan Jalbani on the west of old G. T. S. Tower.

(12) Bench mark at Ratodero in the Public Works Subordinates' Inspection Landhi.

(13) Rail bench mark No. 206 opposite mile 3/4 of Shahdadkot Bagodero road.

(14) Bench mark near Saudo Mahomed village.

(15) Rail bench mark No. 197 opposite mile 7 of Shahdadkot Bagodero road and half a mile away from the same road.

(16) Rail bench mark No. 87 at Sagan 7 furlongs to the west of Chosul Ratodero road and 1½ furlongs to the north-east corner of village Supra, Taluka Ratodero.

(17) Bench mark near village Rahuja on the west side of the road from Kambar to Ratodero.

(18) Bench mark cut on upstream string course of bridge across Hirawah on road from Kambar to Ratodero.

(19) Bench mark cut on upstream string course of bridge across Chattowah on road from Kambar to Ratodero.

(20) Bench mark at crossing of Kur Dato on central point of cornice of bridge at mile 2/6, 35 feet on upstream side of Kur Dato.

(21) Bench mark at crossing of Nurwah on the centre of upstream parapet of the bridge at mile 1/1 of Nurwah.

(22) Bench mark on the north-west corner of District Bungalow compound at Kambar.

(23) Rail No. 70 double headed 6 feet long embedded in concrete block projecting about 6" above ground level 273 feet from bridge along Karia Sono Ghangro.

(24) Bench mark at Gaji fixed in the plinth of Seth Aishimal's building on west side.

(25) Bench mark near Mirwah No. 2 road bridge in mile 12/6, 118 feet south-east from road bridge.

(26) Bench mark at Warah on the plinth of right wing of the Kardarate at Warah.

(27) Bench mark about 120 feet north-west of crossing of Nasirwah and road from Dostali to Warah.

(28) Bench mark on the east of the road from Hamal to Dostali between Karia Lakha and Karia Phital also ex Kur Rato.

(29) Bench mark in village of Lashkrikhan Gatbani near Lundo Napat.

142. Nothing has been done towards precise levelling and topographical work by the Survey Department in the Indus Right Bank Division. The levelling operations along the Eastern Nara Channel from its head at Rohri to Jamrao Weir were taken up by the Survey Department during March 1922. The line from Khorewah to Hyderabad 49 miles in length in the Fuleli Canals District was levelled by the Survey Department during the year under report.

Plantations.

143. Existing plantations on canals and bunds in the Left Bank Division were well cared for. New trees were also planted in some Districts and are thriving.

Irrigation of Cotton.

144. No Egyptian cotton was sown in this Division during the year. The following table shows some details regarding waterings given to indigenous cotton :—

District.	Lift lands.		Flow lands.		Date of last watering.
	Number of waterings.	Intervals between.	Number of waterings.	Intervals between.	
Hyderabad Canals District ...	5 to 7 ...	.....	.....	.....	1st October 1921.
Fuleli Canals District ...	5 to 7 ...	10 to 20 days.	.....	.....	25th September 1921.
Eastern Nara District ...	.....	... ..	5 to 6 ...	Beginning of June to 15th October 192 .	15th October 1921.
Northern District Jamrao Canal.	7 to 12 ...	.....	6 to 12 ...	.....	Lift between 5th November 1921 to 12th November 1921 and flow between 15th October 1921 to 7th January 1922.
Southern District Jamrao Canal.	5 to 10 ...	.....	5 to 8 ...	.....	22nd October 1921 to 12th November 1921 — lift.
					17th September 1921 to 26th November 1921 — flow.

III—DECCAN AND GUJARAT.

1.—NORTHERN DIVISION.

General Remarks.

145. The rainfall in the year under review was greatly in excess of the average of past years. It was, however, rather late and transplantation was thereby delayed to a certain extent. It continued to the end of September and all the tanks were filled. Consequently it was possible to supply the demands of the cultivators who required one or two end waterings for maturing their crops. There was no complaint as regards deficiency from the Kalam bandhi villagers as they received plentiful supply throughout the season.

(i) Works for which Capital accounts are kept.

Hathmati and Khari Cut Canals.

146. The rainfall gauged at Ahmedabad and Prantij during 1921-22 was 42·51 and 43·42 inches against an average of 30·17 and 32·07 inches respectively for the last 30 years including the year under report. The monsoon, though somewhat late, commenced by the middle of July, and was very favourable for agricultural purposes and lasted till the end of September. There were floods in the Hathmati river on 28th July, 9th September and 20th September. On these dates, the water level rose to 2·8, 2 and 2·5 feet, respectively, above the Hathmati weir crest, the rainfall at Himatnagar being 2·17, 3·12 and 1·55 inches measured on the previous days. No damage occurred to the canal or the headworks as the floods were only of moderate intensity. The Hathmati Canal was opened on the 20th July and the surplus water stored up in the Bokh Reservoir. The maximum discharge of the canal was 323 cusecs on the 2nd October 1921 and the minimum discharge 25 cusecs on the 18th March 1922. In the month of March, the discharge varied between 25 and 50 cusecs. After that, there was little flow and the canal was accordingly run intermittently after heading up water at the weir for a few days. The Bokh Reservoir was filled to its F.S.L. by means of the Bokh feeder, the capacity at that level being 300 million cubic feet, which was available for irrigation on the Khari Cut Canal.

147. The Chandola Tank, which is fed by the Khari Cut Canal taking off from the weir at Raipur on the Khari river, was filled twice up to R. L. 139·50 in August and again in September to R. L. 140·20, the F. S. L. being at R. L. 142·00, and the water was utilized fully for irrigating kharif and rabi crops. The area irrigated on the Hathmati Canal during the kharif season was 515 acres of which 15 acres were watered in the hot weather. In the rabi season, 3,281 acres were irrigated.

148. On the Khari Cut Canal there was a great demand for canal water at the close of the season. The Kharif crop was reaped only at the end of November and this late harvest gave less yield than would have been the case, if transplantation had been done

at the normal time. In some of the low valley lands the crop did not mature fully, as water could not be drained off early enough. The area irrigated on the canal during the Kharif and rabi seasons was 11,415 and 1,470 acres respectively.

149. The total area irrigated and the gross assessed revenue on the Hathmati and Khari Cut Canals during the year were about 16,700 acres and Rs. 1,00,400 respectively, against 11,000 acres and Rs. 43,000 the average for the previous triennium.

150. The area irrigated and the gross assessment on the Wangroli, Tranza-Nagrama, Savli and Saiat Tanks, compare with the averages for the previous triennium as shown below :— Tanks in the Kaira Collectorate.

Name of Tank.	1921-1922.		Average of the previous three years.	
	Area irrigated.	Gross Assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres.	Rs.
Wangroli	1,733	6,398	1,148	4,761
Tranza-Nagrama	78	2,414	.....	568
Savli	2,668	9,058	1,011	3,383
Saiat	409	1,620	279	1,607

151. The Wangroli, Savli, Saiat tanks filled completely, while the Tranza-Nagrama Tank filled partly. The water from these tanks was utilised in irrigating kharif and rabi crops, mainly rice, wheat and gram. There was no irrigation in the hot weather from these tanks during the year under report. All these tanks were maintained in good condition at a cost of about Rs. 17,300.

152. The Futelao Tank at Nani Kharaj in the Dohad Taluka overflowed and its waste weir worked with 2 feet depth of water, with no danger to the tank bund. There was no demand for water in the kharif season and only two acres were irrigated, while in the rabi season, 59 acres were irrigated. The miscellaneous receipts including tank bed cultivation were Rs. 56. The tank was maintained in good order at a cost of Rs. 1,398. Futelao Tank.

(ii) Works for which only Revenue Accounts are kept and agricultural works.

153. The rainfall at the source of the Khari river was good throughout, and two ordinary floods occurred in the Khari river at Raipur on 30th July and 20th September. Owing to this, the water was allowed to run uninterruptedly throughout the monsoon months, *i.e.*, upto 17th November. When the flow diminished to 15 cusecs, the water was diverted into the Khari Cut. The supply proved quite sufficient for the rice crop in the Kalambandi villages though the transplantation was late. A reservoir is under construction at Naika to serve as a storage in this system. Khari Sluices.

154. The rainfall gauged at Dohad was 37·94 inches. The tank was full and the waste weir worked with a depth of 4 feet. The heavy flood caused erosion at the end of the masonry waste weir and the open ground waste weir was eroded in a length of 50 feet. When the waste weir ceased to work, arrangements were made to hold up water at F. S. L. by throwing up a small bund in the breached portion. Plans and estimates for constructing a clear overfall waste weir in the breached portion have since been sanctioned and the work is nearly completed. The rainfall being seasonable, there was no demand for water for kharif crops, of which only 27 acres were irrigated including 3 acres of hot weather crops. In the rabi season, 674 acres were irrigated and this gave great relief to cultivators, as their maize crop had failed on account of excessive rain. The total area irrigated during the year was 701 acres against 558, average of the last the last three years, while the gross assessment of the year amounted to Rs. 1,642 which is also the average of the last three years. The tank and the canals were maintained in good condition at a cost of Rs 3,286. Mowalia Tank.

155. Improvements to 18 tanks in the Gujarat Irrigation District, and repairs to 61 tanks in the Gujarat Irrigation and 5 tanks in the Surat and Broach Districts were executed at a total cost of Rs. 21,622 and Rs. 29,846 respectively. Old Tanks.

156. Most of the small tanks and bunds in the Ahmedabad, Kaira and Panch Mahals Collectorates were full during the year on account of good rainfall, and the storage was utilized mainly for rice crop. Due to heavy rainfall, there were breaches caused in some of the tanks in the Surat and Broach, and Gujarat Irrigation Districts, and steps were taken to close them.

157. The drainage channels in the Surat and Broach and Gujarat Irrigation Districts were maintained at a cost of Rs. 6,565 and Rs. 11,440 respectively. There was good flow in all of them during the year under report. The Diversion channel from the Eastern Drainage to the Western Drainage channel at Dholka, which was practically completed, came into operation this year and proved its utility in diverting the flow into the Malao Tank which filled after many years. Drainage channels.

158. The protective bunds at Wagrej and Bigri in the Bulsar Taluka of the Surat District, and those at Lakhigam, Kadodra, and Harinagar in the Wagra Taluka of Protective Bunds and Reclamation Works.

the Broach District, which were constructed in the past with the object of preventing tidal water damaging culturable areas, continued to give the good results expected. The Reclamation Bunds near Hansot and Asarsa in the Broach District gradually assist in reclaiming a large area of salt land by siltation. The work of constructing the Protective Bund at Gandhar in the Wagra Taluka of the Broach District was finally completed at a total cost of Rs. 14,246 against the estimated amount of Rs. 14,997. The total cost of maintenance and repairs of the Protective and Reclamation Works in the Surat and Broach District during the year amounted to Rs. 7,889.

2.—CENTRAL DIVISION.

(i) *Works for which Capital accounts are kept.*

Ekruk Tank.

159. During the year an area of 5,640 acres was irrigated under this tank as against 5,058 acres the average of the previous three years and the gross assessed revenue amounted to Rs. 1,96,762 showing an increase of Rs. 56,510 over the average of the past three years. 50 acres of sugarcane were allowed to be grown in connection with the new experimental methods of planting it under the supervision of the Agricultural Department. 12 acres and 26 gunthas of fodder were also allowed to be grown by the Famine Relief Committee for cattle kitchen from the perennial canal of the Ekruk Tank.

160. The question of raising the Ekruk Tank Dam so as to have a free board of at least 7 feet above H. F. L. in accordance with the run off in September 1872 is now under consideration.

Jamda Canals.

161. The eight months' rabi leases for the six years' period, which were introduced as an experiment on the Jamda Canals in October 1916, terminated on 14th June 1922. The total area secured under the leases during this period was 717 acres only, against the minimum estimated area of 1,000 acres. Judged by the figures of leased acres secured during each year, the system does not seem to have possessed sufficient attraction for the cultivators who entered into leases only in years of drought. However it is obvious that the cultivators have seen the benefits of the lease system from the advantages derived in years of drought, such as priority of claim and security in the matter of getting canal water whenever needed and that too without having to wait for permits, as is necessary in the case of ordinary applications for water, but the scheme will not be a success in the absence of an independent reservoir for the canals, which alone will be a guarntee of sufficient water being available when the natural flow in the river at the bandhara falls short of requirements. Unless there is a reservoir to supplement the water of the Girna river at the Jamda bandhara, the lease system will not, it is feared, be popular of successful.

162. The total area irrigated by these canals during the year was about 1,600 acres and the gross assessed revenue amounted to Rs. 8,295. The corresponding figures of the average of the previous triennium were 4,415 acres and Rs. 15,179.

Krishna Canal Khodshi weir.

163. This canal takes off from the left bank of the Krishna river from a masonry weir at Khodshi near Karad in the Satara District. The capacity of the storage has been found insufficient to supplement the discharge of the river and adequately to irrigate the crops dependent on the canal in the hot weather. It has, therefore, been proposed to erect teak wood automatic (Roorkee pattern) falling shutters along the crest of the weir in order to head up an extra four feet of storage and to construct a continuous buttress wall on the downstream side of the weir to ensure its stability under the increased head. A revised project providing for the above items, amounting to Rs. 85, 226, has been sanctioned. Part of the work, *viz.*, providing a continuous buttress wall has already been carried out in the year 1914. The remaining work has been deferred owing to financial difficulties and further investigation shows that it is unlikely to produce the benefit anticipated. No further progress will now be made with this work pending investigation of other proposals for providing additional hot weather storage supply.

164. The area irrigated on the canal was about 8,400 acres against an average of 7,400 acres and the gross assessed revenue was Rs. 54,200 which shows a decrease of about Rs. 4,600 from the average of the three previous years.

Other Works.

165. The remaining works are small and do not call for any special remarks. The area irrigated by these works was about 18,000 acres.

Total area and assessment.

166. The total area irrigated on these works was 33, 664 acres and the gross assessed revenue Rs. 3,72,816, the average of the previous triennium being 36,132 acres and Rs. 3,33,708 respectively. The decrease in area as compared with the last triennium was due to the particularly large fall in area under the Jamda Canals and the Ashti Tank owing to deficient storage of water. The net increase in gross assessment was mainly on account of the large increase in the Ekruk Tank due to large consumption of water for non-irrigational purposes by the Municipalities of Barsi and Sholapur and the Mills at Sholapur.

(ii) *Works for which only revenue accounts are kept.*

167. The total expenditure on extensions and improvements and maintenance and repairs to the Bandharas, etc., in the Satara, East and West Khandesh Districts was Rs. 12, 062 and the area irrigated thereon was 10,237 acres.

3.—Deccan Irrigation Division.

(i) *Works for which Capital Accounts are kept.*

(Works in operation.)

168. One of the oldest, and, so far, the largest irrigation work in the Deccan is the Nira Left Bank Canal, which was completed in 1898-1899 at a cost of about Rs. 66 lakhs. It is about 100 miles long and irrigates a large portion of the Poona District. It is fed by Lake Whiting, a reservoir constructed on the Yelvandi river at Bhatghar, some 32 miles south of Poona. The masonry dam is 127 feet high and about 3,000 feet long and the storage capacity of the lake is about 5,300 million cubic feet. A dam 190 feet high is being constructed just below the existing one in order to provide a combined supply to the Nira Left Bank Canal and the Nira Right Bank Canal which is under construction. The new dam will increase the storage capacity of the lake to about 24,000 million cubic feet. The additional supply will be utilized mostly by the new Nira Right Bank Canal. Nira Left Bank Canal and Shetphal Tank.

169. The Shetphal Tank is a comparatively small work constructed near the tail of the Nira Left Bank Canal from which it receives its supply during the monsoon for irrigating lands under its command.

170. During the year under report this system irrigated about 69,000 acres yielding a gross revenue of about Rs. 6,59,000 or a probable net revenue of about Rs. 4,82,000, which works out to about 7 per cent. on the capital invested, which is also the average of the preceding three years. The irrigated area and the net revenue also fairly agree with the respective averages.

171. A form of long term water leases that is peculiar to this irrigation system and is being extended to other canals is the so-called "perennial block". It consists of a six-year-agreement between the Irrigation department and the lessee, under which the former guarantees the supply of water for the irrigation of sugarcane on one-third of the area concerned and for other crops on the remaining area during the monsoon and rabi seasons and the lessee binds himself to pay a fixed sum per acre in that area, whether water is taken or not. There are at present about 16,000 acres under "perennial block" agreements on the Nira Canal.

172. Another form of long term agreement in vogue on this and other canals is the "eight months' lease", which mainly differs from the "perennial block" in that it concerns irrigation during the monsoon and rabi seasons only. Yet another modified form is adopted on some canals and applies solely to rabi irrigation.

173. The guarantee and, generally, the monopoly of water for the more valuable crops is the attraction of these various long term agreements and the advantage to the department is the stability of irrigation during the important seasons of rabi and hot weather, and also a fixed revenue that can be depended upon.

174. This irrigation tank, formed by means of an earthen dam on the Man river with a storage capacity of about 3,000 million cubic feet, lies on the eastern borders of the Satara District but irrigates lands in the Sholapur District. Though the capacity is considerable, the tank has a poor supply. Mhaswad Tank.

175. The area irrigated during the year was about 10,000 acres, the gross revenue over Rs. 73,000, and the probable net revenue about Rs. 54,000.

176. This is the first of the largest irrigation works of recent construction in the central Deccan for the protection of areas liable to famine. It was completed in 1915-1916, at a cost of a little over one crore of rupees. The system comprises, (i) a storage reservoir, called Lake Beale, on the Darna river, which is a tributary of the Godavari, (ii) a pick-up weir at Nandur Madhmeshwar on the latter river, and (iii) two canals, the Godavari Right and Left Bank Canals, taking off from this pick-up weir. Godavari Canals.

177. The Darna Dam, inclusive of the waste weir, is a little over a mile long and has a maximum height of 92 feet and a storage capacity of nearly 9,000 million cubic feet.

178. The Godavari Right Bank Canal, which is the more important of the two canals, is 69 miles long and serves the northern tracts of the Ahmednagar District. The Left Bank Canal is 48 miles long and irrigates lands in the south of the Nasik District and north of the Ahmednagar District.

179. The development of irrigation on these canals is proceeding fully up to expectations. Sugarcane cultivation is steadily advancing, the total area of the latter crop irrigated during the year being about 6,700 acres, showing a small increase over the preceding year's figure. The Gul industry was new to the locality, but the ingress of expert growers from Poona District, where sugarcane cultivation has been long in existence on the Nira Left Bank Canal and Mutha Canals, has made it possible to establish the industry on the Godavari Canals.

180. The area of all crops irrigated by the two Godavari Canals was about 41,000 acres, yielding a gross revenue of about Rs. 5,32,000 or a probable net revenue of about Rs. 3,33,000 which results in an approximate return of 3 per cent. on the capital cost. There was a decrease of 2,500 acres in the area irrigated compared with the average of the past three years, which is due to less area grown under rabi crops; on the other hand there was a slight increase in the revenue over the average, consequent on the extension of sugarcane cultivation; but the year compares unfavourably with the preceding one, both in respect of area irrigated and revenue, as a result of an unsatisfactory monsoon.

Mutha Canals and Matoba Tank.

181. This irrigation scheme was completed in 1896-1897, the capital cost being about 65 lakhs of rupees. There are two canals, the Right and Left Bank Mutha Canals, of which the former is 70 miles and the latter 18 miles long. Both the canals take off from Lake Fife, a storage reservoir of a capacity of about 4,000 million cubic feet formed by a masonry dam, about 3,400 feet long and 107 feet high, on the Mutha river at Khadakvasla, about 10 miles southwest of Poona.

182. The Mutha Canals play a very important part in the welfare of the city of Poona and the surrounding country; they furnish the cantonment and the city with their supply of water and have, besides irrigating ordinary crops, greatly promoted the cultivation of fruits, vegetables, fodder and sugarcane within easy reach of a large city and an important military centre. The cultivation includes about 1,700 acres under fruits and vegetables and about 2,000 acres under fodder crops. A small sugar factory is working at Phursangi.

183. This system irrigated about 16,000 acres during the year and earned a gross revenue of about 3 lakhs of rupees, inclusive of sales of water to the cantonment and the city; the probable net revenue will come to about 1¼ lakhs of rupees, giving an approximate return of 2½ per cent. on the capital invested, as compared with the average of about 3½ per cent. for the preceding three years. There was a decrease of about 4,000 acres in the area irrigated and a consequent fall in the revenue compared with the average of the past three years, due to the unsatisfactory character of the monsoon which resulted in a curtailment of rabi crops. The area of sugarcane which had outgrown the possibilities of assured irrigation has also been permanently reduced to reasonable limits (about 3,500 acres).

184. On the Mutha Right Bank Canal the growth of aquatic weeds is so prolific that the flow has to be stopped now and then in order to clear the obstruction. A special study of the weed question is being made and it is hoped to solve the problem satisfactorily and apply the results to other canals affected with weeds, *e g.*, the Godavari system.

185. The Matoba Tank, a small irrigation work, receives its main supply from the Mutha Right Bank Canal, and is, therefore, incorporated in the system.

Kadwa River Works.

186. The Waghad Tank, with an earthen dam having a maximum height of 96 feet, is the main feature of this small scheme, and it feeds the Palkhed, Ojhar Tambat and Wadali Canals. On account of the failure of the late rains the agricultural results fell below the average.

Works under construction.

Pravara River Works.

187. This system, which is still under construction, comprises (i) a storage reservoir called Lake Arthur Hill on the Pravara river at Bhandardara (near the foot of Mount Kalsubai), 29 miles by road from Igatpuri, (ii) a pick-up weir at Ojhar, 50 miles down the river, and (iii) two canals taking off from the weir, one on each bank of the river, named the Pravara Right and Left Bank Canals, 33 miles and 48 miles long respectively.

188. The masonry dam will be 270 feet high and about 1,600 feet long. It was started in 1911, and has now reached a height of about 230 feet. When completed the storage will amount to 10,831 million cubic feet (to be increased to 12,394 million cubic feet when required) and will irrigate some of the lands most affected by famine in the Ahmednagar Collectorate. The culturable area under command is 1,82,976 acres of which 57,000 acres are expected to be irrigated annually and 75,000 acres when the storage is increased.

189. Owing to outbreak of plague at and near Bhandardara during the working season, the progress of the work suffered seriously and the output of masonry in the dam amounted only to 10 lakhs of cubic feet during the year. The work on the canals is almost completed and it is anticipated that the whole scheme will be completed in about 1924.

190. As work progresses irrigation is being extended. A large sugar factory owned by the Belapur Company has already started operations near Belapur Railway Station. This concern will eventually bring about 2,000 acres under sugarcane every year out of about 6,000 acres which the Company have acquired. The area of all crops irrigated by these canals during the year was about 35,000 acres (of which about 1,000 acres represent

sugarcane) as against 26,500 acres in the preceding year; the gross revenue was over Rs. 1,73,000 and the probable net revenue will be about Rs. 1,03,000.

191. The total estimated cost of the scheme is Rs. 151 lakhs, inclusive of Establishment and Tools and Plant charges, etc., or Rs. 114 lakhs for works alone. The expenditure incurred during the year on "works" was over 7½ lakhs of rupees, bringing up the total up to date for "works" to about 89 lakhs of rupees.

192. Investigations are afoot for providing a balancing tank of a sufficient capacity as near the canal head works as possible, as the existing basin at the Ojhar pick-up weir is too small to meet requirements. The possibility of developing hydro-electric power, both at the foot of the dam at Bhandardara and at a point a little lower down the river, where a natural fall of about 200 feet exists, is also receiving attention; a total of 5,000 E.H.P. seems by no means improbable.

193. This is comparatively a small irrigation system in the Nasik Collectorate comprising a storage called the Chankapur Tank and the Girna Left Bank Canal about 19 miles long. The tank lies on the Girna river, a tributary of the Tapti river, and is formed by a masonry dam 140 feet high. The total culturable area commanded by the canal is 25,300 acres. Girna River Works.

194. The are irrigated during the year was over 5,600 acres and the gross assessed revenue was nearly Rs. 31,300 and the probable net revenue will be about Rs. 10,000.

195. This irrigation work will, when completed, be the largest in the Deccan. Though the canal will depend for its supply upon a storage near Poona, and will pass through the northern tracts of the Satara Collectorate and the Phaltan State, it will mainly benefit the western portion of the Sholapur Collectorate which is very liable to famine. New Masonry Dam at Bhatghar and the Nira Right Bank Canal.

196. The project comprises the construction of a larger dam at Bhatghar to replace the existing dam, as stated in the paragraph regarding the Nira Left Bank Canal, so as to increase the storage from about 5,300 to about 24,000 million cubic feet, with a view to provide a supply to both the old Left Bank Canal and the new Right Bank Canal. The latter starts from the head-works at Vir, some 17 miles below the Bhatghar storage, and will end near Mohod in the Sholapur Collectorate, the total length being about 110 miles but will supply water through distributaries up to Pandharpur.

197. The works were started in 1912 and, though they passed through various vicissitudes consequent on the war, the improvement made in the progress of the construction in more recent times makes it possible to hope that irrigation will be commenced in 1924 or thereabouts.

198. A volume of about 26 lakhs of cubic feet of masonry was added to the dam during the year, bringing the total up to date to about 123 lakhs and leaving a balance of 92 lakhs. If there be no set back it is expected to complete the dam in the year 1926, and the canal also at about the same time in the upper 90 miles which were taken in hand first.

199. Due to the insufficiency of the amount of the sanctioned estimate, chiefly owing to the conditions arising out of the war, a revised estimate amounting to Rs. 4,91,10,860 inclusive of all charges has been provisionally sanctioned by the Secretary of State since the close of the year.

200. The total expenditure incurred on works alone during the year amounted to a little over 25 lakhs of rupees, bringing the total outlay on works up to date to about 177 lakhs of rupees against the estimated cost (of works alone) of Rs. 384 lakhs.

201. The storage at Bhatghar will provide sufficient head and discharge to produce electrical energy of over 3,000 Horse Power at the foot of the dam. Part of this energy is already available and some of it is being utilized for driving all the machinery used for construction, such as mortar mills, stone crushers, workshop plant, etc., and for lighting and other purposes, the installation consisting of 4 units of 256 Kilowatts each, the voltage being 2,000.

202. It may be noted here that as the Bhatghar Dam will not permit of the full use being made of the water available from the Nira River system for irrigation, an amplification of the Nira Right Bank Canal Project has recently been prepared under the title of Nira Valley Development Project, which inclusive of the previous scheme amounts to about 6¼ crores of rupees. This enlarged scheme aims at bringing larger areas under irrigation on the Nira Right Bank and Left Bank Canals with the aid of a new stoarge work on the Nira River at Vir. Nira Valley Development Project.

(*ii*) Works for which only Revenue Accounts are kept.

203. These include numerous *bandharas* or weirs built across small streams to raise the level of the water sufficiently high to enable it to command the lands to be irrigated. In all there are about 300 of these small works in the Nasik Collectorate alone, and there

is also a large number in West Khandesh. The outlay on repairs and improvements amounted to about Rs. 42,000 during the year.

204. The supply of water from these *bandharas* was inadequate during the year and the agricultural results suffered thereby, and consequently remissions amounting to Rs. 85,100 had to be granted.

(*iii*) GENERAL.

205. The year under review was a peculiar one. The rains started unusually late and stopped early, and at first the outlook was gloomy, especially as due to an early draw-off from the storages in the previous cold weather the balance of supply at the end of the cold weather was limited; it was with the greatest difficulty, and after a most anxious time, that the water available could be made to last out until the break of the monsoon. Plantation of sugarcane had to be curtailed on the Mutha Canals and only a small increase could be allowed on the Godavari Canals. The rabi season opened well with good general rain in October, but the November rains failed completely and the usual rush for canal water was experienced; as a consequence the irrigation of rabi crops on the Nira, Mutha and Pravara Canals had to be restricted to the upper reaches of the canals. On the Godavari Canals, although an area of about 22,700 acres of rabi crops was ultimately sanctioned, this did not satisfy all, though it went a long way towards meeting the demand.

206. In the Ahmednagar District the condition of the people in general has greatly improved since the advent of the Godavari and Pravara Canals and the consequent establishment of the sugarcane industry. The labouring classes earn good wages, and on account of the scantiness of the local supply a large number of outsiders visit the sugarcane areas; labour finds employment the whole year round.

207. It is worth recording that, in new canal areas, rentals of lands in which sugarcane is grown has increased from 10 times the assessment in 1915 to 50 times in 1920-1921. Bearing in mind that the sale value of land is generally 12 times the annual rental, the value of cane lands has risen from 120 to 600 assessments. However, as the area of cane lands sold is small as compared with the sales of other lands, the average increase in the value of lands in general is not so marked.

208. It has been decided to introduce the "perennial block" system of irrigation on the Godavari and Pravara Canals in the years 1925 and 1926, and accordingly the classification of fields according to the nature of soil, etc., is in progress.

209. Experiments are being made on the Nira and Pravara Canals in entrusting the cultivators themselves with the distribution of water to their fields. The most important of these experiments is that being carried out with the aid of a Venturi Meter on an area of about 450 acres on the Nira Canal at Malegaon, where a regular organization has been possible. The progress of all these experiments is being watched with interest.

4.—SOUTHERN DIVISION.

(*i*) WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

210. The area irrigated and the gross assessed revenue on the irrigation works under this head during the year were about 18,000 acres and Rs. 81,900 respectively. The area irrigated shows a decrease of nearly 4 per cent. while the assessed revenue shows an increase of 4 per cent. when compared with the averages of the previous three years. The decrease in the irrigated area is due to the fact that owing to seasonal and suitably distributed rain in October and November the demand for water during the rabi season was less than in the previous years. The slight increase in the assessed revenue during the year is due to the fact that in 1919-20 there was a falling off in the assessed revenue due to decrease in the high rated crops such as sugarcane, etc.

Gokak Canal.

211. The Gokak Canal is the most important of the irrigation works in the Southern Division. This irrigation system consists of a reservoir formed by a masonry weir across the Ghataprabha river at Dhupdal in the Belgaum District and a short length of canal taking off this reservoir.

212. The level of water in the Dhupdal reservoir on 1st April 1921 was 14·08 feet. It fell steadily to 11·94 feet above the sill of the under sluices up to the 19th April, when the reservoir received replenishment. The highest flood of the year occurred on the 25th July when the water reached a level of 2·75 feet above the permanent crest of the weir, which is at R. L. 2008·06.

213. The weir crest (2,985 feet in length) was temporarily raised as usual at a cost of Rs. 1,677. But owing to rain in November 1921 there was a flood in the river, which damaged the wall. This damage was subsequently repaired at a cost of Rs. 1,108.

214. The rainfall of the year was an average one, but it was irregular in the kharif season and consequently there was considerable demand for water during that season.

Owing to timely and well distributed rain in October and November the demand for water in the rabi season was less than in the previous year. The area irrigated and the assessment during the year was 10,359 acres and Rs. 47,780 respectively against 13,051 acres and Rs. 58,229 of the previous year and 10,232 acres and Rs. 48,116, the average of the past three years. The decrease in the area irrigated when compared with the corresponding figure of 1920-1921 is due to the fact that in that year there was a great demand for water because of the entire failure of the autumn rains. The fall in the assessment as compared with the average of the past three years is due to a slight decrease in the area under highly rated crops.

215. The cotton mills at Gokak and the M. and S. M. Railway Company were supplied with water according to agreements. The amount received from the cotton mills for the water supply was Rs. 14,313 and the charges recovered from the railway were at the rate of one anna for each engine watered and two annas a day for water supplied to the passengers. A reduced discharge was however given to the mills at the request of the Mills Manager from 15th March to 18th June 1921, owing to the low water level in the reservoir.

216. The monsoon of the year was favourable. It gave a steady supply of water to the canal and the tanks depending on it. The canal was open from 22nd June to 31st December 1921. The approximate area irrigated and the assessment during the year was 5,600 acres and Rs. 23,000 respectively. Dharma Canal.

217. The remaining works are a few small tanks chiefly in the Dharwar District. They irrigate from 50 to 600 acres. Other tanks.

(*ii*) Works for which only Revenue Accounts are kept.

218. Most of the irrigation works under this head are in the Dharwar District and they chiefly supplement rainfall and irrigate rice during the periods when rain is holding off. During the year 53 tanks were repaired at a total cost of Rs. 58,660, the average expenditure on such repairs during the previous triennium being Rs. 40,000.

219. The total area irrigated by these small tanks was nearly 98,600 acres and the irrigation share of the consolidated assessment amounted to a little over Rs. 3,02,600.

5.—SCIENTIFIC WORKS.

(*a*) Engineering questions that have arisen.

220. Observations to ascertain losses by evaporation and absorption were made by means of iron tanks in certain tanks and reservoirs and the results are published in the "Annual Report of supplies of water available for irrigation works, etc., for 1921."

(*b*) Special Irrigation District.

221. This charge deals with scientific investigations in connection with various problems related to irrigation from the Deccan Canals. The investigations are conducted in laboratories and on canals, experimental farms and private fields. The main problem has been to reclaim lands rendered unfit for cultivation due to water-logging and salt efflorescense, and to prevent the occurrence of these evils especially in areas where sugarcane is grown. It has now been proved that the worst affected lands can be completely regenerated at a comparatively small cost by means of a well considered system of permanent drains, combined, in the first few years, with the restoration of the physical texture of the soil with the aid of surface-washing or leaching of the salts, suitable initial plantations, green manuring, admixture of coarse vegetable matter, etc.

222. The preventive measures against deterioration of land are based on lessons learnt from reclamation work. As the nature of the subsoil decides whether any artificial drainage is required or not and how it is to be carried out, extensive subsoil surveys are in progress.

223. The field of operations, which also includes observations of levels of water in wells, covers the areas commanded by the several open canals as well by those under development or construction; several reclamation schemes have already been prepared and a few carried out. An important departure recently introduced is the execution of such schemes on co-operative lines *i. e.* the owners of the lands joining to finance the scheme and Government providing the investigating and constructing agency. The idea of utilizing the drainage water for irrigation purposes, as far as its salt contents will permit, is embodied in the schemes.

224. Another interesting investigation being conducted by the Special Irrigation District is with regard to the value of sewage effluent as a manure for various crops. For this purpose the effluent from the Poona city sewerage is conveyed through pipes to a farm where it is diluted with canal water and distributed both to experimental fields and to private lands. It is satisfactory to be able to record that the effluent has proved a

very valuable form of manure, which the people greatly appreciate. It is observed that no deterioration in the physical condition of the soil is caused and that the out-turn from crops is in no way inferior to that obtained by other methods of manuring. The effluent farm has now an area of 64 acres, of which about 40 acres came under effluent treatment during the year, in addition to some 280 acres of private land.

225. The effluent farm possesses a turbine of 6 Horse Power installed on a fall of 10 feet occurring in an irrigation channel. With the aid of this power all the cane grown on the farm and some grown on private lands is crushed, and it is also to be used for pumping purposes. The experience gained at the farm is being made use of in providing such small falls wherever possible on the Nira Right Bank Canal system with a view to the utilization thereof for driving agricultural machinery.

226. Several other matters connected with irrigation also receive attention at the farm, such as duties of various crops, experiments with water measuring devices, etc., and it is worthy of note that an up-to-date Hydraulic Testing Station, where meters, modules, etc., used on irrigation channels will be tested, is under construction.

(c) River Gauging.

227. The gauging of several of the rivers in the Presidency proper, the waters of which give any promise of the possibility of the utilization thereof for irrigation purposes, was continued during the year. Experiments to ascertain the quantity of silt contained in the waters of several rivers were also made. The results of these observations and experiments are published in the "Annual Report of supplies of water available for irrigation works, etc., for 1921."

228. Several rain gauges were also maintained as usual by the Executive Engineers concerned.

ADMINISTRATIVE ACCOUNTS.

PUBLIC WORKS DEPARTMENT

(IRRIGATION)

BOMBAY PRESIDENCY

FOR THE YEAR

1921-22.

Ma 32—1

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1	Desert Canal	4 & 5	...	10	11	11	...
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4	Eastern Nára Works	4 & 5	17	18	19	19	19
5	Jámrao Canal	4 & 5	20 & 21	22	23	23	23
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7	Ghár do.	4 & 5	26	27 & 28	28	29	29
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9	Márak Great do.	4 & 5	...	33	34	34	...
10	Sarfrázwah	4 & 5	...	35	36	36	...
11	Fuleli Canal	4 & 5	37	38 & 39	40	40	40
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20	Suttah do.	4 & 5	...	60	61	61	...
21	Navlákhi do.	4 & 5	...	...	62	62	62
	Deccan and Gujarat.						
22	Háthmati and Khári Cut Canals... ...	6 & 7	...	63	64	64	...
23	Wangroli Tank	6 & 7	...	65	66	66	...
24	Tránza Nagrama Tank	6 & 7	...	67	68	68	...
25	Sávli Tank	6 & 7	...	69	70	70	...
26	Sahiat do.	6 & 7	...	71	72	72	...
27	Futelao do.	6 & 7	...	73	74	74	...
28	Lower Pánjhra River Works	6 & 7	...	75	76	76	...
29	Hartála Tank	6 & 7	...	77	78	78	...
30	Mhasva do.	6 & 7	...	79	80	80	...
31	Jámda Canal	6 & 7	...	81	82	82	...
32	Bhátodi Tank	6 & 7	...	83	84	84	...
33	Ekrúk do.	6 & 7	...	85	86	86	...
34	Koregaon do.	6 & 7	...	87	88	88	...
35	Ashti do.	6 & 7	...	89	90	90	...
36	Pathri do.	6 & 7	...	91	92	92	...
37	Krishna Canal	6 & 7	93	94 & 95	95	95 & 96	96
38	Mhasvad Tank	6 & 7	...	97 & 98	98	98	...
39	Revari Canal	6 & 7	...	99	100	100	...
40	Upper Man River Works	6 & 7	...	101	102	102	...
41	Yerla River Irrigation Works	6 & 7	...	103	104	104	...
42	Chikhli Canal	6 & 7	...	105	106	106	...
43	Maini Tank	6 & 7	...	107	108	108	...
44	Muchkundi Tank	6 & 7	...	109	110	110	...
45	Gokák Canal—First Section and Storage Works	6 & 7	...	111	112	112	...
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	Name of Work.	No. 1 General Abstract of Financial Results.	No. 2. Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account	No. 5 Account of Indirect Charges.	No. 6 Statement comparing charges to date with sanctioned estimate.
	UNPRODUCTIVE—*concld.*	Pages.	Pages.	Pages.	Pages.	Pages.	Pages.
	Deccan and Gujarat—concld.						
50	Dharma Canal	8 & 9	121.	122	123	123	123
51	Kádva River Works	8 & 9	...	124 & 125	125	125.	...
52	Chanksúr Tank	8 & 9	126 & 127	128	129	129	129
53	Pravara River Works—Lákh Canal ...	8 & 9	...	130 & 131	131	131	...
54	Godávari Canal	8 & 9	132	133	134	134	134
55	Pravara River Canal	8 & 9	135 & 136	137	138	138	139
56	Parsul Tank	8 & 9	...	140	141	141	...
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58	Mutha Canals, including Mátoba Tank ...	8 & 9	144 & 145	146 & 147	147	148	148
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61	Shirsuphal do.	8 & 9	...	157	158	158	...
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63	Máládevi do.	8 & 9	...	...	161	161	161
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65	Nira Right Bank Canal	8 & 9	164 & 165	...	166	166	166
66	Gokák Canal Survey	8 & 9	167	...	167	168	168
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IRRIGATION BRANCH.

PUBLIC WORKS ADMINISTRATIVE ACCOUNTS

No. I.—*General Abstract of Financial Results of Irrigation, Navigation, Embankment and*

Name of Projects.	Cost of Construction as now Estimated.			Capital Outlay.						Gross Recei
				During the year.			To end of previous year.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Receipt.
1	2	3	4	5	6	7	8	9	10	11
PRODUCTIVE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
A.—IRRIGATION WORKS.										
SIND.										
Works in Operation.										
Desert Canal	26,55,301	80,015	27,35,316	...	...	...	26,55,301	80,015	27,35,316	92,130
Unharwah	7,68,050	20,780	7,88,830	...	...	...	7,68,050	20,780	7,88,830	1,462
Begari Canal ...	23,88,023	78,955	24,67,046	−6,784	−195	−6,979	23,94,877	79,150	24,74,027	30,492
Eastern Nara Canal... ...	75,75,601	2,59,200	78,40,508	1,34,497	6,548	1,40,045	77,05,159	2,65,879	79,61,488	18,240
Jámro Canal	88,52,432	2,69,560	91,22,992	43,093	3,941	47,034	87,79,385	2,66,207	90,44,792	34,378
Sukkur Canal	15,76,052	61,761	14,37,813	...	...	...	15,76,052	61,761	14,37,813	4,765
Ghar Canal	6,04,192	38,523	6,37,715	21,310	2,029	23,339	5,82,882	31,494	6,14,376	17,041
Alibehar Kachori Canal ...	1,08,430	3,739	1,07,169	28,570	1,260	30,130	74,860	2,479	77,039	579
Great Mauk Canal	4,18,766	15,511	4,34,277	...	...	...	4,18,766	15,511	4,34,277	3,464
Sarfrazwah	1,16,558	6,121	1,24,680	...	...	...	1,16,559	6,121	1,24,680	1,225
Puleli Canal	27,09,244	96,531	27,98,875	1,76,060	7,684	1,83,744	21,22,765	77,892	22,00,657	56,679
Hasanali Canal	2,89,929	14,876	3,04,805	...	...	...	2,89,929	14,876	3,04,805	642
Total, Works in Operation.	2,78,53,747	9,45,662	2,87,99,405	4,02,136	21,467	4,23,603	2,66,86,776	9,01,266	2,75,88,041	2,59,614
Works under Construction.										
Sukkur Barrage	11,04,499	...	11,04,499	3,67,498	22,325	3,89,823	12,599	423	13,022	...
Scharwah	8,67,487	23,038	8,79,525	−317	−9	−326	29,848	564	29,912	...
Total works under construction	19,61,986	23,038	19,84,024	3,67,181	22,316	3,89,497	41,947	987	42,934	...
Total, Sind ...	2,98,15,733	9,67,700	3,07,83,438	7,69,317	43,383	8,12,700	2,67,28,723	9,02,252	2,76,30,976	2,59,614
DECCAN AND GUJARÁT.										
Works in Operation.										
Gadikeri	16,363	555	16,918	...	...	...	16,363	555	16,918	6
Mavinkop Tank	30,185	3,319	33,504	...	...	...	30,185	3,319	33,504	...
Total, Deccan and Gujarát...	46,548	3,874	50,422	...	...	...	46,548	3,874	50,422	6
Total Productive works ...	2,98,62,281	9,71,574	3,08,33,860	7,69,317	43,383	8,12,700	2,67,75,271	9,06,126	2,76,81,397	2,59,620
UNPRODUCTIVE.										
A.—IRRIGATION WORKS.										
SIND.										
Works in Operation.										
Makhwah	14,45,248	72,108	15,17,356	...	...	...	13,80,292	68,792	14,49,084	6,263
Did Canal	25,87,976	98,699	26,86,674	+3,344	168	4,012	25,81,719	98,568	26,85,287	−388
Nasrat Canal	18,04,044	53,064	18,62,138	−790	−35	−825	18,04,834	53,119	18,62,963	−329
Sutiah Canal	1,74,028	6,051	1,80,079	...	...	...	1,74,028	6,051	1,80,079	26
Total ...	60,10,295	2,34,942	62,45,297	3,054	133	3,187	59,21,473	2,16,530	61,38,003	5,571
Works under Construction.										
Nauldkhi Canal	12,17,935	44,619	12,62,554	...	...	...	5,112	33	5,145	...
Total Sind ...	72,28,230	2,79,561	75,07,791	3,054	133	3,187	59,26,585	2,16,563	61,43,148	5,571
Carried over ...	72,28,230	2,79,561	75,07,791	3,054	133	3,187	59,26,585	2,16,563	61,43,148	5,571
	2,98,62,281	9,71,574	3,08,33,855	7,69,317	43,383	8,12,700	2,67,75,271	9,06,126	2,76,81,397	2,59,620

Note (1).—Direct charges under Working Expenses include share of collection charges in the Civil Department calculated

Note (2).—Inclusive of corrections up-to-date.

Bombay, 2nd February, 1923.

BOMBAY PRESIDENCY.

DEPARTMENT.

FOR THE YEAR 1921-1922.

Drainage Works for which separate Revenue Accounts are kept.

PTS DURING THE YEAR.		WORKING EXPENSES DURING THIS YEAR.			NET RESULT (EXCLUDING INTEREST) FOR THE YEAR.				Simple Interest for the year at average rate.	NET RESULT (INCLUDING INTEREST) FOR THE YEAR.			
							Rate per cent.					Rate per cent.	
Portion of Land Revenue due to works.	Total	Direct Charges.	Indirect Charges.	Total	Net receipts (or excess Revenue).	Net payments (or deficit).	Of Net Receipts	Of Net Payments.		Excess revenue (or profit)	Deficit (or loss).	Of excess revenue.	Of deficit.
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
4,27,728	5,19,558	2,10,609	8,078	2,18,687	3,01,171	...	11·01	...	33,695	2,12,476	...	7·77	...
2,07,920	2,09,382	94,594	3,518	98,112	1,11,270	...	15·37	...	25,639	85,731	...	10·87	...
6,42,152	6,72,544	4,36,226	19,850	4,56,116	2,14,528	...	3·70	...	50,053	1,94,475	...	6·45	...
4,05,082	4,91,422	4,64,018	27,251	4,91,269	...	69,847	...	0·93	2,49,408	...	3,19,255	...	4·26
7,33,000	7,66,872	5,46,771	35,601	5,82,372	1,84,500	...	2·03	...	2,98,850	...	1,14,350	...	1·26
1,76,107	1,80,875	1,76,355	7,186	1,83,521	...	2,646	...	0·18	46,071	...	48,717	...	3·39
8,15,970	8,52,111	2,46,906	8,616	2,55,521	5,76,590	...	30·41	...	20,989	5,55,601	..	37·12	...
6,253	6,382	- 132	181	49	6,783	...	3·20	...	4,787	3,996	...	3·73	...
1,30,488	1,31,967	56,968	3,641	60,609	73,358	...	16·39	...	19,796	53,562	...	12·33	...
35,044	34,869	41,291	2,647	43,938	...	9,069	...	7·27	3,342	...	13,011	...	10·44
6,32,206	7,38,785	3,06,262	23,977	3,30,319	3,49,466	...	14·86	...	81,463	2,67,998	...	11·24	...
37,850	37,992	32,951	1,980	34,031	3,961	...	1·30	...	9,641	...	5,680	...	1·86
42,98,995	45,58,609	28,75,068	1,41,176	29,16,544	17,42,065	...	6·22	...	9,29,239	8,12,826	...	2·90	...
...	...	...	...	...	...	...	...	...	11,993	...	11,993	...	2·93
...	...	...	...	...	...	...	...	...	1,781	...	1,781	...	6·02
...	...	...	...	...	...	...	...	...	13,774	...	13,774	...	3·19
42,98,995	45,58,609	28,75,068	1,41,176	29,16,544	17,42,065	...	6·12	...	9,43,013	7,99,052	...	2·81	...
2,355	2,361	1,280	62	1,342	1,019	...	6·02	...	544	475	...	2·81	...
1,241	1,241	1,903	195	2,098	...	767	...	2·29	1,004	...	1,771	...	5·29
3,596	3,602	3,183	167	3,350	252	...	0·50	...	1,548	...	1,296	...	2·57
43,02,591	45,62,211	28,78,251	1,41,643	28,19,894	17,42,317	...	6·11	...	9,44,561	7,97,756	...	2·80	...
36,118	42,380	1,04,636	2,915	1,07,551	...	65,171	...	4·53	45,913	...	1,11,084	...	7·72
2,54,397	2,54,509	1,51,555	6,129	1,57,684	96,825	...	3·64	...	84,885	11,940	...	0·45	...
1,71,064	1,76,725	1,54,057	6,369	1,60,426	10,299	...	0·51	...	59,805	...	49,506	...	2·46
22,776	22,901	25,084	637	25,721	...	2,820	...	0·03	6,757	...	9,907	...	5·17
4,84,344	4,90,515	4,35,932	16,050	4,51,982	38,433	...	·8	...	1,96,390	...	1,67,957	...	2·57
...	...	...	...	...	...	...	...	...	170	...	170	...	3·30
4,84,344	4,90,515	4,35,932	16,050	4,51,982	38,433	...	0·63	...	1,96,560	...	1,68,127	...	2·57
4,84,344	4,90,515	4,35,932	16,050	4,51,982	38,433	..	...	.	1,96,560	...	1,68,127	...	...
43,02,591	45,62,211	28,78,251	1,41,643	28,19,894	17,42,317	...	...	...	9,44,561	7,97,756	...	...	...

at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

IRRIGATION BRANCH.

PUBLIC WORKS
ADMINISTRATIVE ACCOUNTS

No. I.—General Abstract of Financial Results of Irrigation, Navigation, Embankment

Name of Projects.	Cost of Construction as now Estimated.			Capital Outlay.						Gross Receipts.
				During the year.			To end of previous year.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Receipts.
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	2,98,62,281	9,71,574	3,08,33,855	7,69,317	43,383	8,12,700	2,67,75,271	9,06,126	2,7 87,397	2,69,620
	72,28,230	2,79,561	75,07,791	3,054	133	3,187	59,26,585	2,16,563	61,43,148	5,571
UNPRODUCTIVE.										
A.—IRRIGATION WORKS.										
Deccan and Gujarat.										
Works in operation.										
Háthamti Canal and Khari-cut Canal	12,40,983	74,990	13,15,973	...	...	...	12,40,983	74,990	13,15,973	63,028
Wangroli Tank	2,40,227	50,703	2,90,930	...	...	...	2,40,227	50,703	2,90,930	6,204
Tranza-Nagarama Tank ...	2,38,032	42,603	2,80,635	...	...	...	2,38,032	42,603	2,80,635	2,277
Savli do.	2,34,179	21,031	2,55,210	...	...	...	2,34,179	21,031	2,55,210	2,800
Sahiat do.	1,58,452	25,577	1,84,029	...	...	...	1,58,452	25,577	1,84,029	1,752
Futelao do.	1,07,356	9,105	1,16,461	...	...	...	1,07,356	9,105	1,16,461	57
Lower Pánjhra River Works .	4,45,382	23,239	4,68,621	...	...	...	4,45,382	23,239	4,68,621	15,113
Hartala Tank	47,948	25,434	73,382	...	...	...	47,948	25,434	73,382	677
Mhasva Tank	1,28,781	10,175	1,38,956	...	...	...	1,28,781	10,175	1,38,956	3,135
Jamda Canal	9,91,178	49,911	10,41,089	...	...	...	9,91,178	49,911	10,41,089	17,400
Bhatodi Tank	3,52,685	27,022	3,79,707	...	...	...	3,52,685	27,022	3,79,707	4,906
Ekrúk Tank	12,28,117	1,12,269	13,40,386	...	...	...	12,28,117	1,12,269	13,40,386	1,71,152
Koregaon Tank	37,923	1,266	39,189	...	...	...	37,923	1,266	39,189	149
Ashti Tank	7,57,050	79,041	8,36,091	...	...	...	7,57,050	79,041	8,36,091	38,580
Pathri Tank	6,27,825	15,021	6,42,846	...	...	...	6,27,825	15,021	6,42,846	5,851
Krishna Canal	8,95,262	51,507	9,46,769	...	...	...	8,92,977	51,482	9,44,459	55,788
Mhaswad Tank	20,05,553	90,463	20,96,016	...	...	...	20,05,553	90,463	20,96,016	84,089
Revari Canal	56,771	3,040	59,811	...	...	...	56,771	3,040	59,811	1,681
Upper Man River Works ...	4,15,835	23,451	4,39,286	...	...	...	4,15,835	23,451	4,39,286	1,765
Yerla River Irrigation Works.	7,37,683	44,131	7,71,814	...	...	...	7,19,542	45,328	7,64,870	17,048
Chikhli Canal	53,803	3,039	57,442	...	...	...	53,803	3,039	57,442	2,367
Maini Tank	4,62,125	25,525	4,87,650	...	...	...	4,62,125	25,525	4,87,650	10,706
Muchkundi Tank	1,40,217	18,490	1,58,707	...	...	...	1,40,217	18,490	1,58,707	2,493
Gokák Canal, First Section and Storage Works ...	13,01,750	80,172	13,81,922	...	...	...	13,01,750	80,172	13,81,922	68,662
Dambal Tank	60,847	3,133	63,980	...	...	...	60,847	3,133	63,980	1,293
Medleri Tank	78,254	3,638	81,892	...	...	...	78,254	3,638	81,892	699
Madag Tank	1,61,248	6,350	1,67,598	...	...	...	1,61,248	6,350	1,67,598	4,903
	1,31,95,566	9,20,326	1,41,15,892	...	...	...	1,31,85,140	9,21,498	1,41,06,638	5,85,235
Carried over ...	72,28,230	2,79,561	75,07,791	3,054	133	3,187	59,26,585	2,16,563	61,43,148	5,571
	2,98,62,281	9,71,574	3,08,33,855	7,69,317	43,383	8,12,700	2,67,75,271	9,06,126	2,76,81,397	2,69,620

Note.—Direct Charges under Working Expenses include share of collection charges in the Civil Department.

DEPARTMENT.

FOR THE YEAR 1921-22.

and Drainage Works for which separate Revenue Accounts are kept.

RECEIPTS DURING YEAR.		WORKING EXPENSES DURING THE YEAR.			NET RESULTS (EXCLUDING INTEREST) FOR THE YEAR.				Simple Interest for the year at the average rate.	NET RESULTS (INCLUDING INTEREST) FOR THE YEAR.			
							Rate per cent.					Rate per cent.	
Portion of Land Revenue due to works.	Total.	Direct Charges.	Indirect Charges.	Total.	Net receipts (or Excess revenue).	Net payment (or deficit)	Of Net Receipts.	Of Net Payments.		Excess revenue (or profit).	Deficit (or loss).	Of excess revenue.	Of deficit.
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs. 43,02,691	Rs. 45,62,211	Rs. 26,78,251	Rs. 1,41,643	Rs. 28,19,894	Rs. 17,42,317	Rs. ...	Rs. ...	Rs. ...	Rs. 9,44,561	Rs. 7,97,756	Rs. ...	Rs. ...	Rs. ...
4,84,844	4,90,415	4 35 932	16,050	4,51,982	38,433	...	...	...	1,96,560	...	1,58,127	...	...
...	63,028	44,439	1,342	45,781	17,247	...	1·31	...	41,265	...	24,018	...	1·83
...	6,204	8,962	280	9,242	...	3,038	...	1·04	8,023	...	11,061	...	3·80
11	2,288	3,110	100	3,210	...	922	...	0·33	7,915	...	8,837	...	3·15
...	2,800	6,384	202	6,586	...	3,786	...	1·48	7,787	...	11,573	...	4·53
550	2,302	5,719	181	5,900	...	3,598	...	1·96	5,209	...	8,807	...	4·82
...	57	1,786	58	1,844	...	1,787	...	1·53	3,570	...	5,357	...	4·60
11,382	26,495	15,477	721	16,198	10,297	...	2·20	...	14,310	...	4,513	...	0·96
...	577	1,177	51	1,228	...	651	...	0·75	1,594	...	2,145	...	2·22
...	3,135	2,663	113	2,776	359	...	0·26	...	4,282	...	3,923	...	2·82
...	17,400	13,481	560	14,041	3,359	...	0·32	...	32,959	...	29,600	...	2·81
1,410	6,316	5,601	267	5,868	448	...	0·12	...	11,727	...	11,279	...	2·97
...	1,71,152	20,182	697	20,789	1,50,363	...	11·22	...	40,837	1,09,526	...	8·17	...
...	149	1,187	50	1,187	...	1,038	...	2·65	1,261	...	2,299	...	5·67
...	38,580	11,030	415	11,445	27,135	...	3·25	...	25,174	1,961	...	0·23	...
...	5,851	7,382	315	7,697	...	1,846	...	0·29	20,876	...	22,722	...	3·53
...	55,788	23,912	983	24,895	30,893	...	3·27	...	29,694	1,199	...	0·13	...
...	84,089	33,240	2,245	35,485	48,604	...	2·32	...	66,688	...	18,084	...	0·86
...	1,681	3,556	169	3,725	...	2,044	...	3·42	1,888	...	3,932	...	6·57
...	1,755	9,043	434	9,477	...	7,722	...	1·76	18,527	...	2,549	...	4·91
...	17,048	25,445	1,193	26,638	...	9,590	...	1·25	23,926	...	33,516	...	4·38
...	2,967	3,576	167	3,743	...	1,176	...	2·40	1,789	...	3,165	...	5·51
...	10,706	9,848	452	10,300	406	...	0·03	...	15,367	...	14,961	...	3·07
...	2,493	1,835	110	1,945	548	...	0·35	...	4,663	...	4,115	...	2·59
...	93,662	49,094	3,099	52,193	16,469	...	1·19	...	43,286	...	26,817	...	1·94
915	2,879	3,925	268	4,093	...	1,214	...	1·90	2,023	...	3,237	...	5·06
...	699	3,184	231	3,415	...	2,716	...	3·33	2,605	...	5,821	...	6·54
...	4,908	2,917	153	2,470	2,438	...	1·45	...	5,962	...	2,929	...	1·75
14,269	5,99,504	3,17,405	14,766	3,32,171	2,67,333	...		...	4,38,467	...	1,71,134	...	...
4,84,844	4,90,415	4,35,932	16,050	4,51,982	38,433	...	...	...	1,96,560	...	1,58,127	...	...
43,02,691	45,62,211	26,78,251	1,41,643	28,19,894	17,42,317	...	...	...	9,44,561	7,97,756	...	...	...

calculated at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

IRRIGATION BRANCH. PUBLIC WORKS

ADMINISTRATIVE ACCOUNTS

No. 1.—General Abstract of Financial Results of Irrigation, Navigation, Embankment

Name of Projects.	Cost of Construction as now Estimated.			Capital Outlay,						Gross Rec
				During the year.			To end of previous year.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Receipts.
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	2,98,62,281	9,71,574	3,08,33,855	7,69,317	43,389	8,12,700	2,67,75,271	9,06,126	2,76,81,397	2,59,230
Brought forward	72,33,230	2,79,561	75,07,791	3,054	133	3,187	69,26,585	2,16,668	61,43,148	5,571
	1,31,95,566	9,20,326	1,41,15,892	...	...	...	1,31,86,140	9,21,498	1,41,06,638	5,85,285
UNPRODUCTIVE.										
A.—IRRIGATION WORKS.										
Works in operation.										
DECCAN AND GUJARAT—*contd.*										
Asundi Tank	60,741	14,254	74,995	...	...	...	60,741	14,254	74,995	536
Dharma Canal	95,892	2,762	98,654	...	...	...	95,509	2,383	97,882	2,972
Kadwa River Works...	9,71,741	62,450	10,34,191	...	...	...	9,71,741	62,450	10,34,191	26,261
Chankapur Tank ...	19,09,835	60,761	20,36,596	40,105	3,076	43,270	19,27,877	63,556	19,91,433	30,729
Pravara River Works—Lakhi Canal	3,62,446	19,445	3,71,891	...	...	...	3,62,446	19,445	3,71,891	1,830
Godaveri Canal	96,79,176	4,94,061	1,01,78,237	49,161	1,308	50,969	96,67,046	4,93,624	1,01,60,670	6,98,801
Pravara Canal	1,11,20,711	5,49,881	1,16,70,592	9,81,663	39,949	10,21,631	1,01,85,370	3,17,999	1,05,04,369	33,255
Parsul Tank	2,11,995	6,951	2,18,946	...	..	...	2,08,007	6,988	2,14,995	1,723
Pravara Left Bank Canal ...	3,24,317	23,233	3,47,550	...	...	...	3,24,317	23,233	3,47,550	37,556
Motha Canal including Mátoba Tank	62,44,749	2,95,316	65,40,065	...	...	...	62,44,640	2,95,313	65,39,953	3,04,254
Nira Canal and Shetphal Tank	62,04,950	3,69,877	65,74,827	4,202	2,469	6,671	62,22,209	3,70,108	65,92,317	7,85,030
Kasurdi Tank	40,812	4,778	45,590	...	...	...	40,812	4,778	45,590	1,475
Shirsupal Tank	2,12,199	12,369	2,24,568	...	...	...	2,12,199	12,369	2,24,568	7,165
Bhadalwadi Tank	2,13,115	14,307	2,27,422	...	...	...	2,13,115	14,307	2,27,422	4,593
Total, Works in Operation...	5,08,97,385	28,66,761	5,37,64,396	10,75,240	47,301	11,22,541	4,99,15,159	26,22,245	5,25,35,414	25,30,216
Works in Abeyance— Gokak Canal 2nd Section...	1,78,001	13,994	1,91,995	...	...	...	1,76,806	13,978	1,90,284	...
Works under construction.										
Maladevi Tank	3,04,671	9,903	3,14,574	...	...	...	3,02,040	9,888	3,11,928	...
Budhihal Tank	13,98,529	56,091	14,54,620	84	19	103	4,91,666	18,317	5,09,983	...
Nira Right Bank Canal ...	2,50,06,863	8,00,631	2,58,09,894	31,54,719	1,19,932	32,74,651	1,92,67,468	4,55,971	1,97,23,439	...
Gokak Canal Survey... ...	31,600	...	31,600	3,372	136	3,508	...	...	...	...
Victoria Tank	4,87,590	23,473	4,61,063	—118	1	—117	62,955	4,026	66,981	...
Suki River	...	...	...	...	...	...	15,139	385	15,524	...
Total works under construction	2,71,31,493	8,90,098	2,80,71,691	31,58,057	1,20,088	32,78,145	2,01,39,268	4,88,587	2,06,27,855	...
Total unproductive ...	8,54,85,359	40,40,414	8,95,25,773	42,36,351	1,67,522	44,03,873	7,61,55,325	33,41,373	7,94,96,701	25,36,489
Grand Total, Works for which Capital Accounts are kept.	13,63,47,640	50,11,938	19,03,59,529	50,05,668	2,10,905	52,16,573	10,38,20,599	42,47,499	10,77,78,098	27,96,109
Works for which only revenue accounts are kept, Sind ...	...	...	...	...	...	...	...	...	...	57,074

NOTE.—Direct Charges under Working Expenses include share of collection charges in the Civil Departme nt

Bombay, 2nd February 1923.

DEPARTMENT. BOMBAY PRESIDENCY.

FOR THE YEAR 1921-22.

and Drainage Works for which separate Revenue Accounts are kept.

RECEIPTS DURING YEAR.		WORKING EXPENSES DURING THE YEAR.			NET RESULTS (EXCLUDING INTEREST) FOR THE YEAR.				Simple Interest for the year at the average rate.	NET RESULTS (INCLUDING INTEREST) FOR THE YEAR.			
							Rate per cent.					Rate per cent.	
Portion of Land Revenue due to works.	Total.	Direct Charges.	Indirect Charges.	Total.	Net receipts (or excess revenue).	Net payments (or deficit).	Of Net Receipts.	Of Net Payments.		Excess revenue (surplus).	Deficit (or loss).	Of excess revenue	Of deficit.
13	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs. 43,02,691	Rs. 45,69,211	Rs. 26,76,251	Rs. 1,41,643	Rs. 28,19,894	Rs. 17,42,317	Rs. ...	Rs. ...	Rs. ...	Rs. 9,44,561	Rs. 7,97,756	Rs. ...	Rs. ...	Rs. ...
4,84,844	4,90,415	4,35,929	16,050	4,51,989	38,433	...	...	...	1,96,560	...	1,58,127	...	...
14,269	5,99,504	3,17,405	14,766	3,32,171	2,67,333	...	...	...	4,38,467	...	1,71,134	...	...
937	1,283	885	59	944	279	...	0·87	...	2,020	...	1,741	...	2·22
11,482	14,454	3,514	216	3,722	10,732	...	10·97	...	3,453	7,279	...	7·44	...
594	36,854	41,247	2,578	43,825	...	6,970	...	0·67	32,312	...	39,282	...	3·80
...	30,729	27,056	1,663	28,719	2,010	...	0·10	...	67,745	...	65,735	...	3·28
225	2,055	2,826	705	10,543	...	8,506	...	2·29	11,720	...	20,226	...	5·44
...	6,98,301	2,54,875	15,774	2,70,649	4,27,652	...	4·19	...	3,27,006	1,00,646	...	0·99	...
...	33,258	39,907	2,759	42,666	...	9,408	...	0·08	4,69,894	...	4,79,302	...	4·16
...	1,723	1,029	61	1,090	633	...	0·20	...	6,917	...	6,284	...	2·92
76	37,632	47,567	3,296	50,865	...	13,233	...	3·81	10,784	...	24,017	...	6·91
52	3,04,306	1,06,973	8,055	1,15,028	1,89,278	...	2·39	...	2,97,276	...	17,992	...	0·23
...	7,85,030	2,00,435	12,017	2,12,452	5,72,578	...	8·68	...	3,10,577	3,62,001	...	5·49	...
...	1,476	781	58	839	636	...	1·40	...	1,357	...	721	...	1·58
...	7,165	3,374	230	3,604	3,561	...	1·59	...	7,056	...	3,495	...	1·56
...	4,893	2,918	204	3,152	1,741	...	0·63	...	7,087	...	5,346	...	2·48
27,335	25,58,803	10,17,344	62,445	11,20,289	14,88,014	...	2·68	...	18,03,665	...	3,65,651	...	0·68
...	...	...	...	...	...	...	...	...	5,863	...	5,863	...	3·08
...	...	...	...	...	...	...	...	...	10,043	...	10,043	...	3·22
...	...	...	...	...	...	...	...	...	16,369	...	16,369	...	3·21
...	...	...	...	...	...	...	...	...	9,73,921	...	9,73,921	...	4·23
...	...	...	...	...	...	...	...	...	103	...	103	...	2·94
...	...	...	...	...	...	...	...	...	2,322	...	2,322	...	3·47
...	...	...	...	...	...	...	...	...	508	...	508	...	3·24
...	...	...	...	...	...	...	...	...	10,03,261	...	10,03,261	...	4·22
5,12,229	30,48,71[illegible]	14,99,776	78,495	15,72,271	14,76,447	...	1·76	...	30,09,849	...	15,33,402	...	1·83
43,14,829	76,10,229	41,72,027	2,20,138	43,92,165	32,18,764	...	2·86	...	39,53,910	...	7,35,146	...	0·65
24,61,478	25,18,856	16,99,590	43,979	17,43,569	7,75,181	...	...	...	...	7,75,181	...	...	...

calculated at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

W. ALDER,
Accountant General.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DESERT CANAL.

CANAL PROJECT.

No. 8.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	22,65,038	88,801	23,53,839	1. Head Works ...	7,739	...	7,739
5. Plantations ...		70		2. Main Canals and Branches ...	2,00,134	10	2,00,144
6. Other canal produce ...	10,030	341	10,341	3. Distributaries ...	48,848	...	48,848
9. Rents of buildings ...	10,400	15	10,415				
10. Fines ...	21,906	831	22,737	Total ...	2,56,721	10	2,56,731
11. Miscellaneous receipts ...	26,365	1,572	27,937	II.—MAINTENANCE AND REPAIRS.			
Total ...	23,33,739	92,130	24,25,869	1. Head Works ...	43,743	...	43,743
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	25,88,317	1,33,599	27,01,916
Irrigation share of Land Revenue collected in the Civil Department.	77,36,139	4,25,468	81,61,607	3. Distributaries ...	41,270	...	41,270
				Total ...	26,53,330	1,33,599	27,86,929
Four per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A. I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	50,098	2,260	52,358	III.—COMPENSATION ...	279	...	279
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	6,33,046	48,160	6,81,206
				3. Executive ...			
				Total ...	6,33,046	48,160	6,81,206
				V.—TOOLS AND PLANT ...	27,555	3,165	30,720
Total ...	77,86,237	4,27,728	82,13,965	VI.—REFUNDS OF REVENUE ...	7,245	...	7,245
Total Receipts ...	1,01,19,976	5,19,858	1,06,39,834				
				Total ...	35,78,176	1,84,934	37,63,110
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and also on lands in Baluchistan Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 238-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs.				Share of Collection Charges in the Civil Department	5,46,846	25,675	5,72,521
				Total Direct Charges ...	41,25,022	2,10,609	43,35,631
To end of 1920-1921. 23,01,389 Loss for 1921-1922... 92,098				Indirect Charges debitable to Revenue Account as per Account No. 5	96,441	8,078	1,04,519
Total ...23,93,487				Total Charges ...	42,21,463	2,18,687	44,40,150
				Balance Net Revenue ...	58,98,513	3,01,171	61,99,684
Grand Total ...	1,01,19,976	5,19,858	1,06,39,834	Grand Total ...	1,01,19,976	5,19,858	1,06,39,834

N. B.—Last Capital Account detailed in the Administrative Accounts for 1919-20. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 1760, dated 10th November 1893.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DESERT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
otal Interest charges to end of 1920-1921 ...	29,41,480	Net Revenue realized to end of 1920-1921 ...	58,98,513
nterest charges for the year 1921-1922 ...	88,695	Do. during 1921-1922 ...	3,01,171
u Rs. 26,40,891 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 87,815.			61,99,684
a subsequent outlay Rs. 14,410 at the average rate 6·1038 per cent. Rs. 880.		Balance net Interest charges	—31,69,509
Total ...	30,30,175	Total ...	30,30,175

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
EVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	5,778	...	5,778
2. Leave and Pension Allowances	90,663	6,742	97,405
3. Audit and Accounts Establishment	...	1,336	1,336
Total ...	96,441	8,078	1,04,519

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

UNRAEWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,703	174	5,877	1. Head Works ...	79,300	...	79,300
4. Water-supply of towns ..	41	...	41	2. Main Canals and Branches	61,670	...	61,670
5. Plantations ...	3,795	37	3,850				
6. Other canal produce.		18					
9. Rents of buildings.	103	...	103	3. Distributaries ...	7,467	...	7,467
10. Fines ...	10,674	680	11,354				
11. Miscellaneous receipts ...	6,939	553	7,492	Total ...	1,48,437	...	1,48,437
Total ...	27,255	1,462	28,717	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ..	337	...	337
Irrigation share of Land Revenue collected in the Civil Department	45,52,763	2,04,828	47,57,591	2. Main Canals and Branches... ..	8,22,537	59,991	8,82,528
				3. Distributaries ...	11,390	...	11,390
Four per cent. on $\frac{2}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	77,754	3,092	80,846	Total ...	8,34,314	59,991	8,94,305
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	1,80,417	20,841	2,01,258
				3. Executive			
				Total ...	1,80,417	20,841	2,01,258
Total ...	46,30,517	2,07,920	48,38,437	V.—TOOLS AND PLANT ...	7,498	1,421	8,919
Total Receipts ...	46,57,772	2,09,382	48,67,154	Total ...	11,70,666	82,253	12,52,919
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	2,94,616	12,341	3,06,957
				Total Direct Charges...	14,65,282	94,594	15,59,876
Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5	27,490	3,518	31,008
To end of 1920-1921 ... 21,071							
Loss for 1921-1922 ... 1,050				Total Charges ...	14,92,772	98,112	15,90,884
Total ..22,121				Balance Net Revenue ...	31,65,000	1,11,270	32,76,270
Grand Total ...	46,57,772	2,09,382	48,67,154	Grand Total ...	46,57,772	2,09,382	48,67,154

N. B.—Last Capital Account detailed in the Administrative Accounts for 1915-16. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 590, dated 6th April 1892.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

UNHARWA'H.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-1921 ...	7,83,557	Net Revenue realized to end of 1920-1921...	31,55,000
Interest charges for the year 1921-1922 ...	25,539	Do. during 1921-1922 ...	1,11,270
On Rs. 7,68,050 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			32,76,270
Subsequent Outlay—Nil		Balance net Interest charges	—24,67,174
Total ...	8,09,096	Total ...	8,09,096

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,483	.....	3,483
2. Leave and Pension Allowances	24,007	2,918	26,925
3. Audit and Accounts Establishment	.....	600	600
Total ...	27,490	3,518	31,008

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

BEGA'RI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1891.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
B. Land	24,888	...	24,888	24,888	24,888
D. Regulators	3,57,038	...	3,57,038	3,57,038	3,57,038
G. Bridges	70,650	...	70,650	70,650	70,650
H. Escapes	7,092	...	7,092	7,092	7,092
I. Navigation Works	2,065	...	2,065	2,065	2,065
K. Buildings	35,779	...	35,779	35,779	35,779
L. Earth-work	10,59,759	...	10,59,759	10,59,759	10,59,759
M. Plantations	11,455	...	11,455	11,455	11,455
O. Miscellaneous	4,543	...	4,543	4,543	4,543
Total, Main Canals and Branches ...	15,73,269	...	15,73,269	15,73,269	15,73,269
(3)—*Distributaries.*					
A Preliminary Expenses ...	9,039	...	9,039	9,039	9,039
B. Land	71,823	1,197	73,020	73,020	73,020
C. Works	2,16,060	...	2,16,060	2,16,060	2,16,060
L. Earth-work	1,91,510	...	1,91,510	1,91,510	1,91,510
Recoveries from colonists ...	—30,613	—6,863	—37,476	—37,476	—37,476
Total, Distributaries ...	4,57,819	—5,666	4,52,153	4,52,153	4,52,153
Total, I—Works ...	20,31,088	—5,666	20,25,422	20,25,422	20,25,422
II.—Establishment.					
1 & 2. Direction and Accounts ...	3,58,427	—984	3,57,443	3,57,443	3,57,443
3. Executive					
Total, Establishment ...	3,58,427	—984	3,57,443	3,57,443	3,57,443
III.—Tools and Plant ...	5,381	—134	5,247	5,247	5,247
IV.—Suspense Accounts ...	.....	...	.....	.....	.....
Grand Total ...	23,94,896	—6,784	23,88,112	23,88,112	23,88,112
V.—*Less*—Receipts on Capital Account	19	...	19	19	19
Net Outlay ...	23,94,877	—6,784	23,88,093	23,88,093	23,88,093
Apportionment.					
Chargeable to 49.—Irrigation ...	23,94,577	...	23,94,877	23,94,877	23,94,877
Chargeable to 55—Construction of Irrigation Works. Provincial ...	.....	—6,784	—6,784	—6,784	—6,784
Total ...	23,94,877	—6,784	23,88,093	23,88,093	23,88,093

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

BEGA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	13,67,250	25,071	13,92,321				
3. Sales of Water ...	872	109	981	1. Head Works ...	1,255	...	1,255
4. Water-supply of Towns.	1,295	...	1,295	2. Main Canals and Branches ...	4,65,808	60,329	5,26,637
5. Plantations ...	} 16,014	{ 30	} 17,906	3. Distributaries ...	28,812	5,261	34,073
6. Other Canal Produce.		{ 1,852		Total ...	4,95,375	65,590	5,60,965
9. Rents of Buildings.	307	15	322				
10. Fines ...	22,490	2,253	24,743	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	42,528	1,204	43,730				
12. Deduct refunds ...	...	52	52	2. Main Canals and Branches ...	34,22,696	2,22,742	36,45,438
Total ...	14,50,754	30,492	14,81,246	3. Distributaries ...	29,739	...	29,739
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works ...	17,343	...	17,343
Irrigation share of Land Revenue collected in the Civil Department.	1,64,22,462	6,33,339	1,70,55,791	Total ...	34,69,778	2,22,742	36,92,520
4 per cent. on $\frac{6}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58-A.I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	2,33,116	9,813	2,42,929	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts ... 3. Executive	9,67,333	1,05,859	10,73,192
				Total ...	9,67,333	1,05,859	10,73,192
				V.—TOOLS AND PLANT ...	38,165	6,999	45,164
				VI.—REFUNDS OF REVENUE	1,751	...	1,751
				Suspense Account ...	−2	...	−2
Total ...	1,66,55,578	6,43,152	1,72,98,720	Deduct recoveries on Revenue Account ...	...	42	42
Total, Receipts ...	1,81,06,332	6,73,644	1,87,79,966	Total ...	49,72,400	4,01,148	53,73,548
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and also on lands in Baluchistan Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883. Rs. To end of 1920-1921. 23,36,019 Loss for 1921-1922. 5,5,234				Share of Collection Charges in the Civil Department	12,15,866	38,148	12,54,014
				Total Direct Charges ...	61,88,266	4,39,296	66,27,562
				Indirect Charges debitable to Revenue Account as per Account No. 5...	1,48,830	19,820	1,68,650
				Total Charges ...	63,37,096	4,59,116	67,96,212
Total ...	23,91,303			Balance Net Revenue ...	1,17,69,226	2,14,528	1,19,83,754
Grand Total ...	1,81,06,332	6,73,644	1,87,79,966	Grand Total ...	1,81,06,332	6,73,644	1,87,79,966

N. B.—Construction Estimate closed on 31st March 1921—*vide* Government Resolution No. 1253, dated 23th July 1891. Completion Report approved in Government Resolution No. 753, dated 11th May 1892.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

BEGA'RI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-21.	32,64,094		
Interest charges for the year 1921-1922.	80,053		
On Rs. 23,72,384 outlay to end of the year 1916-17 at the average rate— Rs.		Net Revenue realized to end of 1920-21.	1,17,69,226
3·3252 per cent. ... 78,887		Do. during 1921-1922 .	2,14,528
On subsequent outlay Rs. 19,101 at the average rate 6·1038 per cent. ... 1,166			1,19,83,754
		Balance net interest charges	—86,39,607
Total ...	33,44,147	Total ...	33,44,147

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	17,931	.....	17,931
2. Leave and Pension Allowances	61,219	—138	61,081
3. Audit and Accounts Establishment	.....	— 57	— 57
Total ...	79,150	—195	78,955
REVENUE—			
1. Capitalized abatement of Land Revenue	2,223	2,117	4,340
2. Leave and Pension Allowances	1,46,607	14,820	1,61,427
3. Audit and Accounts Establishment	.....	2,883	2,883
Total ...	1,48,830	19,820	1,68,650

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	13,91,068	6,34,354	20,25,422	...	...	...	20,25,422	
Establishment ...	2,29,894	1,27,549	3,57,443	...	...	...	3,57,443	
Tools and Plant ...	4,666	581	5,247	...	...	...	5,247	
Total ...	16,25,628	7,62,484	23,88,112	...	...	...	23,88,112	
Less—Receipts on Capital Account ...	19	...	19	...	...	...	19	
Net Total ...	16,25,609	7,62,484	23,88,093	...	...	...	23,88,093	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	4,246	13,685	17,931	...	...	...	17,931	
Leave and Pension Allowances	43,224	17,857	61,081	...	...	...	61,081	
Audit and Accounts Establishment ...	...	—57	—57	...	...	...	—57	
Total ...	47,470	31,485	78,955	...	...	...	78,955	
Grand Total ...	16,73,079	7,93,969	24,67,048	...	...	...	24,67,048	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated (Construction estimate closed on 31st March 1898).	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1) *Head Works.*					
B. Land	1,638	...	1,638	1,638	1,638
C. Works	12,33,300	...	12,33,300	12,33,300	12,33,300
K. Buildings	1,862	...	1,862	1,862	1,862
Total, Head Works ...	12,36,800	...	12,36,800	12,36,800	12,36,800
(2) *Main Canals and Branches.*					
A. Preliminary Expenses	2,709	1,750	4,459	7,312	2,551
B. Land	...	...	...	5,000	...
C. Works	...	...	...	21,616	...
D. Regulators	2,57,668	11,829	2,69,497	3,01,610	2,57,668
G. Bridges	1,61,703	1,044	1,62,747	1,74,188	1,61,703
H. Escapes	45,632	...	45,632	45,632	45,632
K. Buildings	93,089	...	93,089	1,20,806	93,089
L. Earth-work	7,66,537	57,904	8,24,441	9,66,559	7,66,537
M. Plantations	16,742	...	16,742	17,928	16,742
N. Tanks and Reservoirs	1,441	...	1,441	1,441	1,441
O. Miscellaneous	32,121	...	32,121	43,493	32,121
P. Maintenance	...	...	...	20,002	...
Total, Main Canals and Branches ...	13,77,642	72,527	14,50,169	17,25,587	13,77,487
(3) *Distributaries.*					
A. Preliminary Expenses	7,230	390	7,620	9,278	3,910
B. Land	6,394	7,579	13,973	9,750	2,650
C. Works	3,33,672	...	3,33,672	3,31,221	2,68,490
L. Earth-work	2,52,855	15,654	2,68,509	2,79,936	1,12,073
M. Plantations	29	...	29	...	...
O. Miscellaneous	55,932	2,523	58,455	63,047	29,878
P. Maintenance	548	...	548	16,786	...
Total, Distributaries ...	6,56,660	26,146	6,82,806	7,10,015	4,15,001
(4) *Drainage and Protective Works.*					
A. Preliminary Expenses	65,327	...	65,327	65,327	65,327
B. Land	2,832	...	2,832	2,832	2,832
C. Works	2,38,182	...	2,38,182	2,38,182	2,38,182
L. Earth-work	20,29,845	...	20,29,845	20,29,845	20,29,845
O. Miscellaneous	425	...	425	425	425
Total, Drainage and Protective Works ...	23,36,611	...	23,36,611	23,36,611	23,36,611
Total, I.—Works ...	56,07,713	98,673	57,06,386	60,09,013	53,65,899
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	14,18,284	34,908	14,53,192	14,86,161	2,72,738
3. Executive					10,65,730
5. Special Survey	4,882	...	4,882		4,882
Total, II.—Establishment ...	14,23,166	34,908	14,58,074	14,86,161	13,43,345
III.—TOOLS AND PLANT	74,457	1,016	75,473	81,611	71,858
Grand Total ...	71,05,336	1,34,597	72,39,933	75,76,785	67,81,102
V.—*Less*—Receipts on Capital Account. ...	176	...	176	176	176
Net Outlay ...	71,05,160	1,34,597	72,39,757	75,76,609	67,80,926
APPORTIONMENT.					
Chargeable to 49.—Irrigation	47,15,370	...	47,15,370	75,76,609	43,91,136
Chargeable to 43.—Minor Works and Navigation	23,89,790	...	23,89,790		23,89,790
Chargeable to 55.—Construction of Irrigation Works—Provincial	...	1,34,597	1,34,597	...	...
Total ...	71,05,160	1,34,597	72,39,757	75,76,609	67,80,926

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,54,857	3,778	4,58,635	1. Head Works ...	17,622	935	18,557
3. Sales of water ...	14,765	4,556	19,321	2. Main Canals and Branches ...	3,11,014	22,365	3,33,379
5. Plantations ...	2,64,753	1,207	2,70,699	3. Distributaries ...	39,187	...	39,187
6. Other Canal Produce		4,739		4. Drainage and Protective Works ...	2,01,957	44,940	2,46,897
8. Navigation ...	7,922	541	8,463				
9. Rents of buildings	761	...	761	Total ...	5,69,780	68,240	6,38,020
10. Fines	50,074	161	50,235				
11. Miscellaneous Receipts	6,02,199	2,280	6,04,479	II.—MAINTENANCE AND REPAIRS.			
Deduct Refunds ...	...	922	922	1. Head Works ...	5,07,241	21,999	5,29,240
				2. Main Canals and Branches ...	24,79,015	1,43,706	26,22,721
Total ...	13,95,331	16,340	14,11,671	3. Distributaries ...	72,382	...	72,382
				Unclassifiable Outlay ...	5,36,057	...	5,36,057
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works ...	8,70,733	26,897	8,97,630
Irrigation share of Land Revenue collected in the Civil Department	2,22,01,743	4,00,110	2,26,01,853	Total ...	44,65,428	1,92,602	46,58,030
				IV.—ESTABLISHMENT.			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 55-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1912, dated 7th November 1889 ...	56,422	4,972	61,394	1 & 2. Direction and Accounts ... 3. Executive	19,66,826	1,76,023	21,42,848
				Total ...	19,66,826	1,76,023	21,42,848
Total ...	2,22,58,165	4,05,082	2,26,63,247	V.—TOOLS AND PLANT ...	55,397	4,299	59,696
				VI.—REFUNDS OF REVENUE	3,042	...	3,042
Total, Receipts ...	2,36,53,496	4,21,422	2,40,74,918	Suspense Account ...	128	—100	28
				Deduct Recoveries on Revenue account ...	...	1,297	1,297
Note.—Loss to the canal on account of difference between assessment of water rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Total ...	70,65,600	4,39,767	75,05,367
				Share of Collection Charges in the Civil Department	17,04,568	24,251	17,28,819
Rs.							
To end of 1920-1921, 6,82,490				Total Direct Charges ...	87,70,168	4,64,018	92,34,186
Loss for 1921-1922... 16,289				Indirect Charges debitable to Revenue Account as per Account No. 5	3,02,515	27,251	3,29,766
Total ... 6,98,779							
				Total, Charges ...	90,72,683	4,91,269	95,63,952
				Balance Net Revenue ...	1,45,80,813	—69,847	1,45,10,966
Grand Total ...	2,36,53,496	4,21,422	2,40,74,918	Grand Total ...	2,36,53,496	4,21,422	2,40,74,918

N. B.—Construction Estimate closed on 31st March 1898—*vide* Government Resolution No. 1766, dated 18th November 189 Completion Report approved in Government Resolution No. 438, dated 17th February 1913.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921 ...	1,06,87,051		
Interest charges for the year 1921-1922 ...	2,49,408	Net revenue realized to end of 1920-1921 ...	1,45,80,813
On Rs. 67,72,815 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ... ... Rs. 2,25,442		Do. , during 1921-1922 ...	—69,847
			1,45,10,966
On subsequent outlay Rs. 3,92,643 at the average rate 6·1038 per cent. ... Rs. 23,966		Balance net interest charges ...	—33,74,507
Total ...	1,11,36,459	Total ...	1,11,36,459

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	3,054	474	3,558
2. Leave and Pension Allowances	2,43,195	4,887	2,48,082
3. Audit and Accounts-Establishment	...	987	987
Total ...	2,46,279	6,348	2,52,627
REVENUE—			
1. Capitalized abatement of Land Revenue	496	...	496
2. Leave and Pension Allowances	3,02,019	24,643	3,26,662
3. Audit and Accounts Establishment	...	2,608	2,608
Total ...	3,02,515	27,251	3,29,766

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Government of India, Public Works Department, No. 3184, dated 19th March 1918 ... ... Rs. 3,84,516 Government of India, Public Works Department, No. 1061, dated 1st May 1918 ... ... ,, 1,48,962 Government Resolution, Public Works Department, No. 5660, dated 26th May 1919 ... ... ,, 2,91,260 Government of India, Public Works Department, Resolution No. W. 1, 12713, dated 19th August 1919 ... ... ,, 8,24,478
Works	48,30,172	5,25,727	53,55,899	3,40,487	6,43,114	3,02,627	57,06,386	
Establishment	11,84,114	1,59,231	13,43,345	1,14,729	1,42,816	28,087	14,58,074	
Tools and Plant... ...	50,880	20,978	71,858	3,615	9,753	6,138	75,473	
Total ...	60,65,166	7,15,936	67,81,102	4,58,831	7,95,683	3,36,852	72,39,933	
Less—Receipts on Capital Account ...	179	—3	176	...	...	...	176	
Net Total ...	60,64,987	7,16,939	67,80,926	4,58,831	7,95,683	3,36,852	72,39,757	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	2,669	415	3,084	474	8,800	8,326	3,558	
Leave and Pension Allowances	2,09,728	22,293	2,32,021	16,061	19,995	3,934	2,48,082	
Audit and Accounts Establishment ...	...	...	...	987	...	—987	987	
Total	2,12,397	22,708	2,35,105	17,522	28,795	11,273	2,52,627	
Grand Total ...	62,77,384	7,38,647	70,16,031	4,76,353	8,24,478	3,48,125	74,92,384	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

JAMRAO CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1902.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1) Head Works.					
A. Preliminary Expenses	4,738	...	4,738	4,738	4,738
B. Land	90,714	...	90,714	90,714	90,714
C. Works	16,71,357	15,052	16,86,409	16,94,512	16,71,357
K. Buildings	1,01,411	...	1,01,411	1,01,411	1,01,411
O. Miscellaneous	31,921	...	31,921	31,921	31,921
P. Maintenance	25,550	...	25,550	25,550	25,550
Total, Head Works ...	19,25,691	15,052	19,40,743	19,48,846	19,25,691
(2) Main Canals and Branches.					
A. Preliminary Expenses	32,466	...	32,466	32,466	32,466
B. Land	80,215	...	80,215	80,215	80,215
D. Regulators	3,95,250	4,176	3,99,426	3,99,426	3,99,426
E. Falls and Weirs	85,625	...	85,625	85,625	85,625
F (1) Other Cross Drainage Works ..	1,83,594	...	1,83,594	1,83,594	1,83,594
G. Bridges	1,71,475	...	1,71,475	1,71,475	1,71,475
H. Escapes	44,222	...	44,222	44,222	44,222
K. Buildings	3,22,857	10,687	3,33,544	3,52,372	3,22,857
L. Earth-Work	25,26,346	...	25,26,346	25,26,346	25,26,346
M. Plantations	45,869	...	45,869	45,869	45,869
O. Miscellaneous	57,290	...	57,290	57,290	57,290
P. Maintenance	26,088	...	26,088	26,088	26,088
Total, Main Canals and Branches ...	39,21,297	14,863	39,36,160	39,54,988	39,25,473
Carried over ...	58,46,988	29,915	58,76,903	59,03,834	58,51,164

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922—continued.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1902).	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	58,46,988	29,915	58,76,903	59,03,834	58,51,164
(3) *Distributaries.*					
A. Preliminary Expenses	9,409	...	9,409	9,409	9,277
B. Land	11,239	290	11,529	12,385	11,239
C. Works	3,56,741	4,890	3,61,631	3,58,193	3,55,566
L. Earth-work	7,53,615	2,518	7,56,133	7,55,208	7,47,966
O. Miscellaneous	22,755	—2,364	20,391	20,609	20,384
P. Maintenance	10,041	...	10,041	10,041	10,041
Total, Distributaries ...	11,63,800	5,334	11,69,134	11,65,845	11,54,473
(4) *Drainage and Protective Works.*					
A. Preliminary Expenses	363	...	363	363	363
C. Works	23,824	...	23,824	23,824	23,824
L. Earth-work	31,145	...	31,145	31,145	31,145
O. Miscellaneous	9,134	...	9,134	9,134	9,134
Total, Drainage and Protective Works ...	64,466	...	64,466	64,466	64,466
Total, I.—Works ...	70,75,254	35,249	71,10,503	71,34,145	70,70,103
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	15,01,194	12,471	15,13,665	15,31,335	15,16,925
3. Executive					
4. Medical	8,453	...	8,453		
5. Special Survey	8,947	...	8,947		
Total, II.—Establishment ...	15,18,594	12,471	15,31,065	15,31,335	15,16,925
III.—TOOLS AND PLANT	1,82,412	363	1,82,775	1,83,327	1,82,366
IV.—SUSPENSE ACCOUNTS	4,606	...	4,606	4,606	4,606
Grand Total ...	87,80,866	48,083	88,28,949	88,53,413	87,74,000
V.—*Less*—Receipts or Capital Account ...	981	...	981	981	981
Net Outlay ...	87,79,885	48,083	88,27,968	88,52,432	87,73,019
APPORTIONMENT.					
Chargeable to 49—Irrigation	87,79,885	...	87,79,885	88,52,432	87,73,019
Chargeable to 55—Construction of Irrigation—Provincial.	...	48,083	48,083		
Total ...	87,79,885	48,083	88,27,968	88,52,432	87,73,019

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total. Previous.	1921-1922.	Total.	Charges.	Total. Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,75,833	2,904	4,78,737	1. Head Works ...	3,094	994	4,088
3. Sales of water ...	459	24	483	2. Main Canals and Branches ...	43,560	...	43,560
4. Water supply of towns ...	5	...	5	3. Distributaries ...	94,454	12,828	1,07,282
5. Plantations ...	7,596	793	8,389	Total ...	1,41,108	13,822	1,54,930
6. Other canal produce ...	1,85,364	19,799	2,05,163	II.—MAINTENANCE AND REPAIRS.			
7. Water-power ...	13	...	13	1. Head Works ...	1,22,325	52,371	1,74,696
9. Rents of buildings.	13,194	30	13,224	2. Main Canals and Branches ...	18,27,906	1,02,690	19,30,596
10. Fines ...	2,55,342	6,734	2,62,076	3. Distributaries ...	14,33,289	1,22,800	15,56,089
11. Miscellaneous Receipts ...	1,01,277	4,625	1,05,902	4. Drainage and Protective Works ...	1,024	...	1,024
12. Deduct refunds ...	.....	37	37	Total ...	33,84,544	2,77,861	36,62,405
Total ...	10,39,073	34,872	10,73,945	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	27,17,787	2,31,341	29,49,128
Irrigation share of Land Revenue collected in the Civil Department.	1,24,84,858	6,54,567	1,31,39,425	3. Executive ...			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.L., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1302, dated 10th July, and No. 1913, dated 7th November 1889	9,33,358	77,433	10,10,791	Total ...	27,17,787	2,31,341	29,49,128
				V.—TOOLS AND PLANT ...	77,747	4,268	82,015
				Deduct recoveries on Revenue Account ...	...	662	662
Total ...	1,34,18,214	7,32,000	1,41,50,214	VI.—REFUNDS OF REVENUE	1,268	...	1,268
				Suspense Account ...	—4,604	164	—4,440
Total Receipts ...	1,44,57,287	7,66,872	1,52,24,159	Total ...	63,17,850	5,26,794	68,44,644
Note.—Loss to the reanal on account of difference between assessment of water-rates on jágir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 409, dated 11th August 1883. Rs.				Share of Collection Charges in the Civil Department ...	3,98,813	19,977	4,18,790
				Total direct charges...	67,16,663	5,46,771	72,63,434
To end of 1920-1921. 2,30,818 Loss for 1921-1922... 2,422				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,81,604	35,601	4,17,205
Total ... 2,33,240				Total Charges ...	70,98,267	5,82,372	76,80,639
				Balance Net Revenue ...	73,59,020	1,84,500	75,43,520
Grand Total ...	1,44,57,287	7,66,872	1,52,24,159	Grand Total...	1,44,57,287	7,66,872	1,52,24,159

N.B.—Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 1796, dated 28th August 1901.
Completion Report approved in Government Resolution No. 1706, dated 30th June 1906.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-1921.	67,32,122	Net revenue realized to end of 1920-1921 ...	73,59,020
Interest charges for the year 1921-1922 ...	2,98,850	Do. during 1921-1922 ...	1,84,500
On Rs. 85,84,355 outlay to end of 1916-17 at average rate 3·3252 per cent. Rs. 2,85,447			75,43,520
On subsequent outlay 2,19,572 at the average rate 6·1038 per cent. 13,403		Balance net interest charges ...	—5,12,548
Total ...	70,30,972	Total ...	70,30,972

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	52,304	1,843	54,147
2. Leave and Pension Allowances	2,12,603	1,746	2,14,349
3. Audit and Accounts Establishment	.....	352	352
Total ...	2,64,907	3,941	2,68,848
REVENUE—			
1. Capitalized abatement of Land Revenue	1,112	296	1,408
2. Leave and Pension Allowances	3,80,492	32,388	4,12,880
3. Audit and Accounts Establishment	.....	2,917	2,917
Total ...	3,81,604	35,601	4,17,205

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	64,74,033	5,96,070	70,70,103	40,400	64,042	23,642	71,10,503	Rs. 15,876
Establishment ...	11,51,054	3,65,871	15,16,925	14,140	14,410	270	15,31,065	37,529
Tools and Plant ...	1,81,762	604	1,82,366	409	961	552	1,82,775	29,441
Suspense Accounts ...	53	4,553	4,606	..	...	...	4,606	82,846
Total ...	78,06,902	9,67,098	87,74,000	54,949	79,413	24,464	88,28,949	
Less—Receipts on Capital Account .	981	...	981	...	...	...	981	
Net Total ...	78,05,921	9,67,098	87,73,019	54,949	79,413	24,464	88,27,968	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	35,896	18,251	54,147	...	1,416	1,416	54,147	
Leave and Pension Allowances ...	1,61,148	51,222	2,12,370	1,979	2,017	38	2,14,349	
Audit and Accounts Establishment ..	...	...	...	352	...	—352	352	
Total ...	1,97,044	69,473	2,66,517	2,331	3,433	1,102	2,68,848	
Grand Total ...	80,02,965	10,36,571	90,39,536	57,280	82,846	25,566	90,96,816	

G. O. No. 575 (P. W.), dated 12th January 1921
G. R. No. 14185 (P. W.), dated 20th September 1921
G. R. No. 737 (P. W.), dated 31st March 1922

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	47,404	1,147	48,551				
3. Sales of water ...	2	...	2	1. Head Works ...	15,425	...	15,425
5. Plantations ...	28,004	69	28,578	2. Main Canals and Branches ...	1,52,725	22,217	1,74,942
6. Other canal produce		505					
9. Rents of Buildings.	4,512	...	4,512				
10. Fines	7,281	1,814	9,095	3. Distributaries ...	863	...	863
11. Miscellaneous Receipts	37,889	1,233	39,122				
Total ...	1,25,092	4,768	1,29,860	Total ...	1,69,013	22,217	1,91,230
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	59,29,586	1,75,218	61,04,804	1. Head Works ...	6,627	...	6,627
				2. Main Canals and Branches ...	18,01,506	98,070	18,99,576
4 per cent. on 7/8ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889...				Total ...	18,08,133	98,070	19,06,203
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	5,07,072	42,432	5,49,504
	20,619	889	21,508	3. Executive			
Total ...	59,50,205	1,76,107	61,26,312	Total ...	5,07,072	42,432	5,49,504
Total, Receipts ...	60,75,297	1,80,875	62,56,172	V.—TOOLS AND PLANT ...	21,611	2,945	24,556
Carried over ...	60,75,297	1,80,875	62,56,172	Carried over ...	25,05,829	1,65,664	26,71,493

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	60,75,297	1,80,875	62,56,172	Brought forward ...	25,05,829	1,65,664	26,71,493
Note.—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 228-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :—				VI.—REFUNDS OF REVENUE	119	...	119
				Total ...	25,05,948	1,65,664	26,71,612
				Share of Collection Charges in the Civil Department	4,35,566	10,691	4,46,257
				Total Direct Charges ...	29,41,514	1,76,355	31,17,869
Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5	79,875	7,166	87,041
To end of 1920-1921. 2,58,066 Loss for 1921-1922 ... 3,113							
Total ... 2,61,179				Total, Charges ...	30,21,389	1,83,521	32,04,910
				Balance Net Revenue ..	30,53,908	—2,646	30,51,262
Grand Total ...	60,75,297	1,80,875	62,56,172	Grand Total ...	60,75,297	1,80,875	62,56,172

N.B.—Last Capital Account detailed in the Administrative Accounts for 1918-19.
Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 1411, dated 12th September 1893.
Completion Report approved in Government Resolution No. 669, dated 27th March 1896.

No. 4.—Interest Account for, and to end of, 1921-22.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921 ...	* 25,99,174	Net Revenue realized to end of 1920-1921...	30,53,908
Interest charges for the year 1921-1922 ...	46,071	Net Revenue realized during 1921-1922 ...	—2,646
On Rs. 13,64,764 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ... ... Rs. 45,381			30,51,262
On subsequent outlay Rs. 11,298 at the average rate 6·1038 per cent. ... Rs. 690		Balance net interest charges	—4,06,017
Total ...	26,45,245	Total ...	26,45,245

* The amount was not adjusted under Interest in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	3,101	23	3,124
2. Leave and Pension Allowances	76,774	5,940	82,714
3. Audit and Accounts Establishment	...	1,203	1,203
Total ...	79,875	7,166	87,041

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-22.

GHAR CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1879).	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2) Main Canals and Branches.					
A. Preliminary Expenses ...	551	...	551	551	551
B. Land	197	9,804	10,001	10,001	10,001
D. Regulators ...	35,789	1,384	37,173	37,173	37,173
G. Bridges	4,834	1,512	6,346	6,346	6,346
K. Buildings ...	1,16,749	...	1,16,749	1,16,749	1,16,749
L. Earth-work ...	2,28,440	3,174	2,31,614	2,31,614	2,31,614
M. Plantations ...	14	...	14	14	14
O. Miscellaneous ...	14,837	1,924	16,761	16,761	16,761
Total Main Canals and Branches...	4,01,411	17,798	4,19,209	4,19,209	4,19,209
(3) Distributaries.					
C. Works	19,777	...	19,777	19,777	19,777
L. Earth-work ...	4,477	...	4,477	4,477	4,477
Total Distributaries ...	24,254	...	24,254	24,254	24,254
(4) Drainage and Protective Works.					
L. Earth-work	50,886	...	50,886	50,886	50,886
Total Drainage and Protective Works.	50,886	...	50,886	50,886	50,886
Total I—Works ...	4,76,551	17,798	4,94,349	4,94,349	4,94,349
II.—ESTABLISHMENT.					
1. & 2. Direction and Accounts ...	1,03,041	3,091	1,06,132	1,06,132	1,06,132
3. Executive ...					
Total Establishment ...	1,03,041	3,091	1,06,132	1,06,132	1,06,132
III.—TOOLS AND PLANT ...	3,290	421	3,711	3,711	3,711
IV.—Suspense Accounts... ...	.....	...	.....	.....	...
Grand Total ...	5,82,882	21,310	6,04,192	6,04,192	6,04,192
V.—*Less*—Receipts on Capital Account.	.....	...	.....	.....	...
Net Outlay ...	5,82,882	21,310	6,04,192	6,04,192	6,04,192
Apportionment.					
Chargeable to 43—Minor Works and Navigation	5,82,882	...	5,82,882	5,82,882	5,82,882
Chargeable to 55—Construction of Irrigation Works—Provincial ...	.....	21,310	21,310	21,310	21,310
Total ...	5,82,882	21,310	6,04,192	6,04,192	6,04,192

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GHAR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,58,665	5,675	2,64,340	I.—EXTENSIONS AND IMPROVEMENTS.			
5. Plantations ...	79,313	362	80,742				
6. Other canal produce		1,067		1. Head Works ...	1,407	...	1,407
8. Rents of Buildings.	23,877	316	24,093				
10. Fines	20,856	4,409	25,245	2. Main Canals and Branches	4,08,026	13,602	4,21,628
11. Miscellaneous Receipts	2,13,152	5,312	2,18,464	3. Distributaries ...	12,796	...	12,796
Total ...	5,95,843	17,041	6,12,884	Total ..	4,22,229	13,602	4,35,831
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	3,19,50,013	8,07,447	3,27,57,460	II.—MAINTENANCE AND REPAIRS.			
4 per cent. on $\frac{3}{16}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	1,63,328	7,623	1,71,451	2. Main Canals and Branches ...	45,29,732	1,30,310	46,60,042
				3. Distributaries ...	15,675	...	15,675
				Total ...	45,45,407	1,30,310	46,75,717
Total ...	3,21,13,341	8,15,070	3,29,28,911	III.—COMPENSATION ...	108	...	108
Total, Receipts ...	3,27,09,684	8,32,111	3,35,41,795	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts ...	13,06,128	50,438	13,56,566
				3. Executive ...			
				Total ...	13,06,128	50,438	13,56,566
				V.—TOOLS AND PLANT ...	14,135	3,945	18,080
Carried over ...	3,27,09,684	8,32,111	3,35,41,795	Carried over ...	62,88,007	1,98,295	64,86,302

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GHAR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	3,27,09,684	8,32,111	3,35,41,795	Brought forward ...	62,88,007	1,98,295	64,86,302
				VI.—REFUNDS OF REVENUE	184	...	184
				Suspense Account ...	3	—4	—1
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1882.				*Deduct*—Recoveries on Revenue Account ...	...	428	428
				Total ...	62,88,194	1,97,853	64,86,047
Rs.				Share of Collection Charges in the Civil Department	25,48,268	49,052	25,97,320
To end of 1920-1921. 13,29,181							
Loss for 1921-1922... 35,960							
Total ... 13,65,141				Total Direct Charges...	88,36,462	2,46,905	90,83,367
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,14,659	8,616	2,23,275
				Total, Charges ...	90,51,121	2,55,521	93,06,642
				Balance Net Revenue ...	2,36,58,563	5,76,590	2,42,35,153
Grand Total ...	3,27,09,684	8,32,111	3,35,41,795	Grand Total ...	3,27,09,684	8,32,111	3,35,41,795

N.B.—Construction Estimate closed on 31st March 1879—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 937, dated 11th June 1895.

No. 4.—Interest Account for, and to end of, 1921-1922.

		Amount.		Amount.
		Rs.		Rs.
Total interest charges to end of 1920-1921...		*9,32,781	Net Revenue realised to end of 1920-1921.	2,36,58,563
Interest charges for the year 1921-1922 ...		20,989		
On Rs. 5,48,405 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	Rs. 18,235		Net Revenue realized during 1921-1922...	5,76,590
				2,42,35,153
On subsequent outlay 45,132 at the average rate 6·1038 per cent.	Rs. ... 2,754		Balance net interest charges ...	—2,32,81,383
Total ...		9,53,770	Total ...	9,53,770

* The amount was not adjusted under "Interest" in previous years.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GHAR CANAL.

CANAL PROJECT.

No. 5—Account of Indirect Charges for, and to end of, 1921-22.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	12,536	1,418	13,954
2. Leave and Pension Allowances	18,958	433	19,391
3. Audit and Accounts Establishment	.....	178	178
Total ...	31,494	2,029	33,523
REVENUE—			
1. Capitalized abatement of Land Revenue	16,045	116	16,161
2. Leave and Pension Allowances	1,98,614	7,061	2,05,675
3. Audit and Accounts Establishment	.....	1,439	1,439
Total ...	2,14,659	8,616	2,23,275

No. 6—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against Closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	3,88,237	1,56,112	4,94,349	...	...	...	4,94,349	
Establishment ...	75,554	30,578	1,06,132	...	...	...	1,06,132	
Tools and Plant ...	1,746	1,965	3,711	...	...	...	3,711	
Total ...	4,15,537	1,88,655	6,04,192	...	...	...	6,04,192	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	4,15,537	1,88,655	6,04,192	...	...	...	6,04,192	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	10,329	3,625	13,954	...	...	...	13,954	
Leave and Pension Allowances ...	15,111	4,280	19,391	...	...	...	19,391	
Audit and Accounts Establishment ...	...	178	178	...	...	...	178	
Total ...	25,440	8,083	33,523	...	...	...	33,523	
Grand Total ...	4,40,977	1,96,738	6,37,715	...	...	...	6,37,715	

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1876).	Expenditure against closed estimates.
	Previous.	1920-21.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2) Main Canals and Branches.					
D. Regulators	37,993	19,683	57,676	57,676	57,676
G. Bridges	1,167	...	1,167	1,167	1,167
K. Buildings	333	1,481	1,814	1,814	1,814
L. Earth-work	18,469	....	18,469	18,469	18,469
Total Main Canals and Branches ...	57,962	21,164	79,126	79,126	79,126
Total I.—Works ...	57,962	21,164	79,126	79,126	79,126
II.—ESTABLISHMENT.					
1. & 2. Direction and Accounts ...	16,180	7,488	23,668	23,668	23,668
3. Executive					
Total Establishment ...	16,180	7,488	23,668	23,668	23,668
III.—TOOLS AND PLANT ...	418	218	636	636	636
IV.—Suspense Accounts ...	.....	...	.....	.....	...
Grand Total ...	74,560	28,870	1,03,430	1,03,430	1,03,430
V.—*Less*—Receipts on Capital Account.	.....	...	.....	.....	...
Net Outlay ...	74,560	28,870	1,03,430	1,03,430	1,03,430
Apportionment.					
Chargeable to 43—Minor Works and Navigation ...	74,560	...	74,560	74,560	74,560
Do. 55—Construction of Irrigation Works (Provincial) ...	.....	28,870	28,870	28,870	28,870
Total. ...	74,560	28,870	1,03,430	1,03,430	1,03,430

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	25,502	22	25,524				
5. Plantations ...	4,667	2	5,019	2. Main Canals and Branches	6,484	...	6,484
6. Other canal produce		350		4. Drainage and Protective Works ...	245	...	245
8. Navigation ...	3	...	3				
10. Fines ..	130	...	130				
11. Miscellaneous receipts ...	3,977	205	4,182	Total ...	6,729	...	6,729
Total ...	34,279	579	34,858	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.							
				2. Main Canals and Branches	15,406	—2,059	13,347
Irrigation share of Land Revenue collected in the Civil Department.	2,98,910	7,413	3,06,323	3. Distributaries ..	12,672	...	12,672
				Total ...	28,078	—2,059	26,019
4 per cent. on $\frac{5}{16}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	19,808	840	20,648	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts	21,800	1,440	23,240
				3. Executive			
				Total ..	21,800	1,440	23,240
Total ...	3,18,718	8,253	3,26,971	V.—TOOLS AND PLANT...	937	41	978
Total, Receipts ...	3,52,997	8,832	3,61,829	VI.—REFUNDS OF REVENUE	19	...	19
				Total ...	57,563	—578	56,985
				Share of Collection Charges in the Civil Department	25,313	446	25,759
				Total Direct Charge ...	82,876	—132	82,744
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,613	181	3,794
				Total, Charges ..	86,489	49	86,538
				Balance Net Revenue ...	2,66,508	8,783	2,75,291
Grand Total ...	3,52,997	8,832	3,61,829	Grand Total ...	3,52,997	8,832	3,61,829

Note.—Loss to the canal on account of difference between assessment of water-rates on Jágir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:—

	Rs.
To end of 1920-1921 ...	1,22,609
Loss for 1921-1922 ...	642
Total ...	1,23,251

N.B.—Construction Estimate closed on 31st March 1876—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-22.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

		Amount.			Amount.
		Rs.			Rs.
Total interest charges to end of 1920-1921	...	43,482*	Net Revenue realized to end of 1920-1921.		2,66,508
Interest charges for the year 1921-1922	...	4,787			
On Rs. 23,207 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	Rs. 772		Net Revenue realized during 1921-1922.		8,783
On subsequent outlay 65,788 at the average rate 6·1038 per cent.	4,015				2,75,291
			Balance net interest charges	...	-2,27,022
	Total ...	48,269		Total ...	48,269

* The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized Abatement of Land Revenue... ...	.....	.....	.....
2. Leave and Pension Allowances	2,479	1,048	3,527
3. Audit and Accounts Establishment	.....	212	212
Total ...	2,479	1,260	3,739
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	3,613	202	3,815
3. Audit and Accounts Establishment	.....	—21	—21
Total ...	3,613	181	3,794

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against Closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works	19,636	59,490	79,126	...	...	...	79,126	
Establishment ...	3,548	20,120	23,668	...	...	...	23,668	
Tools and Plant ...	23	613	636	...	...	...	636	
Total ...	23,207	80,223	1,03,430	...	...	...	1,03,430	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	23,207	80,223	1,03,430	...	...	...	1,03,430	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	710	2,817	3,527	...	...	...	3,527	
Audit and Accounts Establishment ...	...	212	212	...	...	...	212	
Total ...	10	3,029	3,739	...	...	...	3,739	
Grand Total ...	23,917	83,252	1,07,169	...	...	...	1,07,169	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MA'RAK GREAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,21,790	1,688	1,23,478				
3. Sales of water ...	15	...	15	2. Main Canals and Branches	45,076	1,038	46,114
5. Plantations ...	28,380	...	29,940				
6. Other canal produce.		1,560		Total ...	45,076	1,038	46,114
8. Navigation ...	126	...	126				
9. Rents of Buildings .	143	...	143	II.—MAINTENANCE AND REPAIRS.			
10. Fines	2,395	...	2,395	1. Head Works ...	3,416	...	3,416
11. Miscellaneous Receipts	15,471	386	15,857	2. Main Canals and Branches	5,05,710	23,556	5,29,266
12. Deduct Refunds ...	...	150	150				
Total ...	1,68,320	3,484	1,71,804	Total ...	5,09,126	23,556	5,32,682
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	33,12,031	1,27,065	34,39,096	1 & 2. Direction and Accounts	2,18,471	24,252	2,42,723
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1299, dated 10th July and No. 1213, dated 7th November 1889	69,146	3,418	72,564	3. Executive			
				Total ...	2,18,471	24,252	2,42,723
				V.—TOOLS AND PLANT ...	4,676	397	5,073
				VI.—REFUNDS OF REVENUE ...	40	...	40
Total ...	33,81,177	1,30,483	35,11,660	Total ...	7,77,389	49,243	8,26,632
Total Receipts ...	35,49,497	1,33,967	36,83,464	Share of Collection Charges in the Civil Department	2,53,819	7,725	2,61,544
Note.—Loss to the canal on account of difference between assessment of water-rates on jágbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 232-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1920-1921 . 7,22,489 Loss for 1921-1922... 19,674				Total Direct Charges ...	10,31,208	56,968	10,88,176
				Indirect Charges debitable to Revenue Account as per Account No. 5	32,660	3,641	36,301
Total .. 7,42,163				Total, Charges ...	10,63,868	60,609	11,24,477
				Balance Net Revenue ...	24,85,629	73,358	25,58,987
Grand Total ...	35,49,497	1,33,967	36,83,464	Grand Total ...	35,49,497	1,33,967	36,83,464

Last Capital account detailed in the Administrative Accounts for 1920-1921

N.B.—Construction Estimate closed on 31st March 1882—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1223, dated 1st August 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MARAK GREAT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1920-1921	*3,79,192	Net Revenue realized to end of 1920-1921	24,85,629
Interest charges for the year 1921-1922	19,796	Net Revenue realized during 1921-1922	73,358
On Rs. 2,07,436 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 6,897			25,58,987
On subsequent outlay Rs. 2,11,320 at the average rate 6·1038 per cent. 12,899		Balance net interest charges ...	21,59,999
Total ...	3,98,988	Total ...	3,98,988

* The amount was not adjusted under Interest in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. *Capitalized* Abatement of Land Revenue	772	.....	772
2. Leave and Pension Allowances	31,888	3,395	35,283
3. Audit and Accounts Establishment	.....	246	246
Total ...	32,660	3,641	36,301

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SARFRAZWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL. Previous.	1921-1922.	Total.	Charges.	TOTAL. Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	75,142	474	75,616				
5. Plantations... ...	23,337	55	23,779	2. Main Canals and Branches	42,062	891	42,953
6. Other canal produce .		387					
8. Navigation	62	...	62	Total ...	42,062	891	42,953
9. Rents of buildings .	7	...	7				
10. Fines	352	73	425	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts... ...	7,808	237	8,045				
12. *Deduct*—Refunds...	...	1	1	2. Main Canals and Branches	3,51,598	20,798	3,72,396
Total ...	1,06,708	1,225	1,07,933	4. Drainage and Protective Works ...	6,778	...	6,778
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	11,49,830	32,348	11,82,178	Total ...	3,58,376	20,798	3,79,174
				IV.—ESTABLISHMENT.			
4 per cent. on $\frac{5}{6}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 23 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	32,014	1,296	33,310	1 & 2. Direction and Accounts ... ... 3. Executive	1,30,167	17,358	1,47,525
				Total ...	1,30,167	17,358	1,47,525
				V.—TOOLS AND PLANT...	2,235	270	2,505
Total ...	11,81,844	33,644	12,15,488	VI.—REFUNDS OF REVENUE	4	...	4
Total Receipts ...	12,88,552	34,869	13,23,421				
				Total ...	5,32,844	39,317	5,72,161
Note.—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs.				Share of Collection Charges in the Civil Department	89,246	1,974	91,220
				Total Direct Charges...	6,22,090	41,291	6,63,381
				Indirect Charges debitable to Revenue Account as per Account No. 5	20,917	2,647	23,564
To end of 1920-1921...3,70,793 Loss for 1921-1922 ... 5,249							
Total... 3,76,042				Total Charges ...	6,43,007	43,938	6,86,945
				Balance Net Revenue ...	6,45,545	—9,069	6,36,476
Grand Total ...	12,88,552	34,869	13,23,421	Grand Total ...	12,88,552	34,869	13,23,421

N.B.—Last Capital Account detailed in the Administrative Accounts for 1881-82. Construction Estimate closed on 31st March 1876—vide Government Resolution No. 1411, dated 12th September 1883. Completion Report approved in Government Resolution, No. 1229, dated 1st August 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SURPRAEWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1920-1921.	*2,18,038	Net Revenue realized to end of 1920-1921.	6,45,545
Interest charges for the year 1921-1922 on Rs. 1,18,559 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	3,942	Net Revenue realized during 1921-1922...	—9,069
			6,36,476
Subsequent outlay—Nil.		Balance net interest charges ...	—4,14,496
Total ...	2,21,980	Total ...	2,21,980

* The amount was not adjusted under Interest in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	1,278	.....	1,278
2. Leave and Pension Allowances	19,639	2,430	22,069
3. Audit and Accounts Establishment...	.....	217	217
Total ...	20,917	2,647	23,564

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

FULELI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (construction estimate closed on 31st March 1895)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works.					
C. Works	66,278	...	66,278	66,278	66,278
K. Buildings	4,012	...	4,012	4,012	4,012
Total Head Works ...	70,290	...	70,290	70,290	70,290
(2) *Main Canal and Branches.*					
A. Preliminary Expenses ...	43,303	...	43,303	43,303	43,303
B. Land	7,456	...	7,456	7,456	7,456
D. Regulators	3,25,057	1,28,143	4,53,200	8,00,626	2,13,773
G. Bridges	36,992	...	36,992	36,992	36,992
H. Escapes	2,44,313	...	2,44,313	2,44,313	2,44,313
K. Buildings	44,073	927	45,000	44,073	44,073
L. Earth-work	8,30,837	...	8,30,837	8,30,837	8,30,837
O. Miscellaneous	26,347	...	26,347	26,347	26,347
Total Main Canals and Branches ...	15,58,378	1,29,070	16,87,448	20,33,947	14,47,094
(3) *Distributaries.*					
B. Land	667	...	667	667	667
C. Works	65,540	...	65,540	65,540	65,540
L. Earth-work	32,160	...	32,160	32,160	32,160
Total Distributaries ...	98,367	...	98,367	98,367	98,367
Total I—Works ...	17,27,035	1,29,070	18,56,105	22,02,604	16,15,751
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,85,790	45,662	4,31,452	4,82,043	3,50,001
3. Executive					
Total Establishment ...	3,85,790	45,662	4,31,452	4,82,043	3,50,001
III.—TOOLS AND PLANT ...	10,444	1,328	11,772	18,201	9,398
IV.—Suspense Accounts ...	.....	...	.....	.....	...
Grand Total ...	21,23,269	1,76,060	22,99,329	27,02,848	19,75,150
V.—Less Receipts on Capital Account.	504	...	504	504	504
Net Outlay ...	21,22,765	1,76,060	22,98,825	27,02,344	19,74,646
Apportionment.					
Chargeable to 43.—Minor Works and Navigation	21,22,765	...	21,22,765	27,02,344	19,74,646
Chargeable to 55.—Construction of Irrigation Works. Provincial ...	.....	1,76,060	1,76,060		
Total ...	21,22,765	1,76,060	22,98,825	27,02,344	19,74,646

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	14,68,514	89,307	15,07,821	2. Main Canals and Branches. ...	3,79,366	37,654	4,17,020
3. Sales of water ...	3,409	164	3,573	3. Distributaries ...	28,517	...	28,517
5. Plantations ...	1,73,163	129	1,81,161				
6. Other canal produce		7,879					
8. Navigation ...	70,816	4,051	74,867	Total ...	4,07,883	37,654	4,45,537
9. Rents of buildings.	7,708	8	7,716				
10. Fines	16,630	468	17,098	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	1,90,110	4,920	1,95,030				
12. *Deduct*—Refunds...	...	347	347	1. Head Works ...	169	...	169
Total ..	19,80,340	56,579	19,86,919	2. Main Canals and Branches ...	55,08,882	1,24,273	56,33,155
				3. Distributaries ...	1,155	...	1,155
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	2,03,25,165	6,61,068	2,09,86,233	Total ...	55,10,206	1,24,273	56,34,479
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53 A. I., dated respectively 20th June and 1st August 1885, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	2,80,802	21,138	3,01,940	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	17,16,404	1,52,560	18,68,964
				3. Executive ...			
Total ...	2,06,05,967	6,82,206	2,12,88,173	Total ...	17,16,404	1,52,560	18,68,964
				V.—TOOLS AND PLANT ...	45,032	2,505	47,537
Total, Receipts ...	2,25,86,307	7,38,785	2,32,75,092				
Carried over ...	2,25,86,307	7,38,785	2,32,75,092	Carried over ...	76,79,525	3,16,992	79,96,517

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	2,25,36,307	7,38,785	2,32,75,092	Brought over ...	76,79,525	3,16,992	79,96,517
				VI.—REFUNDS OF REVENUE	3,730	...	3,730
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Suspense Account ...	—54	7,398	7,344
				Deduct Recoveries on Revenue Account ...	...	68	68
				Total ...	76,83,201	3,24,322	80,07,523
				Share of Collection Charges in the Civil Department	16,40,282	42,020	16,82,252
Rs. To end of 1920-1921 61,85,373 Loss for 1921-1922 1,54,186				Total Direct Charges ...	93,23,483	3,66,342	96,89,775
Total ... 63,39,559				Indirect Charges debitable to Revenue Account as per Account No. 5	2,84,563	22,977	3,07,540
				Total, Charges ...	96,07,996	3,89,319	99,97,315
				Balance Net Revenue ...	1,29,28,311	3,49,466	1,32,77,777
Grand Total ...	2,25,36,307	7,38,785	2,32,75,092	Grand Total ...	2,25,36,307	7,38,785	2,32,75,092

N.B.—Construction Estimate closed on 31st March 1893—*Vide* Government Resolution No. 1035, dated 27th June 1894.
Completion Report approved in Government Resolution No. 1035, dated 27th June 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

FULELI CANAL—*continued.*

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

		Amount Rs.		Amount Rs.
Total interest charges to end of 1920-1921		*29,49,289	Net Revenue realized to end of 1920-1921	1,29,28,311
Interest charges for the year 1921-1922		81,468	Net Revenue realized during 1921-1922	3,49,466
On Rs. 19,24,515 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	Rs. 63,994			1,32,77,777
On subsequent outlay Rs. 2,86,280 at the average rate 6·1038 per cent.	17,474		Balance net interest charges ...	—1,02,47,020
Total ...		30,30,757		30,30,757

* The amount was not adjusted under Interest in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	14,412	.....	14,412
2. Leave and Pension Allowances ...	63,480	6,393	69,873
3. Audit and Accounts Establishment ...	.....	1,291	1,291
Total ...	77,892	7,684	85,576
REVENUE—			
1. Capitalized abatement of Land Revenue ...	17,146	.....	17,146
2. Leave and Pension Allowances ...	2,67,417	21,358	2,88,775
3. Audit and Accounts Establishment ...	.....	1,619	1,619
Total ...	2,84,563	22,977	3,07,540

No. 6.—Statement comparing Charges to date with sanctioned Estimate.

Particulars.	Charges again Closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	9,84,801	6,30,950	16,15,751	2,40,354	5,86,853	3,46,499	18,56,105	
Establishment ...	2,00,468	1,49,533	3,50,001	81,451	1,32,042	50,591	4,31,452	
Tools and Plant ...	1,325	8,073	9,398	2,374	8,803	6,429	11,772	
Total ...	11,86,594	7,88,556	19,75,150	3,24,179	7,27,698	4,03,519	22,99,329	
Less—Receipts on Capital Account.	21	483	504	...	...	...	504	
Net Total ...	11,86,573	7,88,073	19,74,646	3,24,179	7,27,698	4,03,519	22,98,825	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue.	6,800	7,612	14,412	...	5,164	5,164	14,412	
Leave and Pension Allowances.	37,536	20,933	58,469	11,404	18,486	7,082	69,873	
Audit and Account ...	...	...	...	1,291	...	—1,291	1,291	
Total ...	44,336	28,545	72,881	12,695	23,650	10,955	85,576	
Grand Total ...	12,30,909	8,16,618	20,47,527	3,36,874	7,51,348	4,14,474	23,84,401	

G. O. (P.W.D.) No. W. I. 16,668 dated 7th November 1921 Rs. 7,51,348

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

HASANALIWAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,639	—153	2,486	2. Main Canals and Branches	25,279	—89	25,190
5. Plantations ...	3	...	3				
6. Other canal produce ...	2,717	269	2,986	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings ...	1	...	1				
10. Fines	339	500	839	2. Main Canals and Branches	2,01,924	16,780	2,18,704
11. Miscellaneous receipts	4,535	26	4,561				
Total ..	10,234	642	10,876	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	75,759	12,948	88,707
Irrigation share of Land Revenue collected in the Civil Department ...	6,47,645	36,623	6,84,268	3. Executive			
4 per cent. on $\frac{5}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	7,480	727	8,207	Total ..	75,759	12,948	88,707
				V.—TOOLS AND PLANT ...	2,395	194	2,589
Total ..	6,55,125	37,350	6,92,475	Total ..	3,05,357	29,833	3,35,190
Total, Receipts ..	6,65,359	37,992	7,03,351	Share of Collection Charges in the Civil Department	39,034	2,218	41,252
Note.—Loss to the canal on account of difference between assessment of water rates on Jaghir lands and assessment at the ordinary rates in force for Govt. lands noted here per Govt. of India, letter No. 238-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:—				Total Direct charges ...	3,44,891	32,051	3,76,442
				Indirect Charges debitable to Revenue Account as per Account No. 5	10,606	1,980	12,586
Rs.							
To end of 1920-1921 .. 30,660							
Loss for 1921-1922 ... 2,603							
Total ... 33,263				Total, Charges ..	3,54,927	34,031	3,88,028
				Balance Net Revenue ...	3,10,362	3,961	3,14,323
Grand Total ...	6,65,359	37,992	7,03,351	Grand Total ...	6,65,359	37,992	7,03,351

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 1802, dated 15th July 1907. Completion Report approved in Government Resolution No. 1802, dated 15th July 1907.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1221-22.

HASANALIWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-22.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*1,72,216	Net Revenue realized to end of 1920-21.	3,10,362
Interest charges for the year 1921-22 ...	9,641	Net Revenue realized during 1921-22 ...	3,961
On Rs. 2,89,929 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			3,14,323
		Balance net interest charges ...	—1,32,466
Subsequent Outlay *nil*	...	.....	...
Total ...	1,81,857	Total ...	1,81,857

*The Amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue ..	.....	.....	.....
2. Leave and Pension Allowances	10,606	1,813	12,419
3. Audit and Accounts Establishment	.....	167	167
Total ...	10,606	1,980	12,586

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SUKKUR BARRAGE PROJECT.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,782	1,33,826	1,35,608	5,86,709	.....
Total, Main Canals and Branches ...	1,782	1,33,826	1,35,608	5,86,709	.....
Total, I.—Works ...	1,782	1,33,826	1,35,608	5,86,709	.....
II.—Establishment.					
B. Special Survey	3,021	1,49,904	1,52,925	4,10,414	.....
Total Establishment ...	3,021	1,49,904	1,52,925	4,10,414	.....
III.—Tools and Plant	7,796	83,785	91,581	1,07,376	.....
IV.—Suspense Accounts	.....	48	48	.....	.....
Grand Total ...	12,599	3,67,563	3,80,162	11,04,499	.....
V.—*Less*—Receipts on Capital Account	.....	65	65	.....	.....
Net Outlay ...	12,599	3,67,498	3,80,097	11,04,499	.....
Apportionment.					
Chargeable to 49—Irrigation ...	12,599	...	12,599	} 11,04,499	.....
Chargeable to 55—Construction of Irrigation Works Provincial ...	.....	3,67,498	3,67,498		
Total ...	12,599	3,67,498	3,80,097	11,04,499	.....

No. 4.—Interest Account for, and to end of 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	262	Net Revenue realized to end of 1920-1921.	...
Interest charges for the year 1921-1922...	11,993	Net Revenue realized during 1921-1922...	...
On Rs.—284 outlay to end of the year 1916-1917 at the average rate 3·3252 per cent. Rs.—9.			...
		Balance net interest charges ...	12,255
On subsequent outlay Rs. 1,96,632 at the average rate 6·1088 per cent. Rs. 12,002.	...	.....	...
Total ...	12,255	Total ...	12,255

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SUKKUR BARRAGE PROJECT.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	...	...	...
2. Leave and Pension Allowances	423	20,987	21,410
3. Audit and Accounts	...	1,338	1,338
Total ...	423	22,325	22,748

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	1,35,608	5,86,709	4,51,101	1,35,608	Sanction to estimate for close contouring the area commanded by the Sukkur Barrage Canal Project was obtained in Government Resolution (Public Works Department), No. W. I.—16167, dated 24th October 1921.
Establishment ...	...	...	...	1,52,925	4,10,414	2,57,489	1,52,925	
Tools and Plant ...	...	...	...	91,581	1,07,376	15,795	91,581	
Suspense Accounts ...	...	...	...	48	...	—48	48	
Total ...	...	...	...	3,80,162	11,04,499	7,24,337	3,80,162	
Less—Receipts on Capital Account	...	...	...	65	...	—65	65	
Net Total ...	...	..	...	3,80,097	11,04,499	7,24,402	3,80,097	
INDIRECT CHARGES.								
Leave and Pension Allowances ...	...	...	...	21,410	...	—21,410	21,410	
Audit and Accounts Establishment ...	...	...	...	1,338	...	—1,338	1,338	
Total ...	...	...	...	22,748	...	—22,748	22,748	
Grand Total ...	...	...	...	4,02,845	11,04,499	7,01,654	4,02,845	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SEHARWAH CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
C. Works	.....	...	.....	50,000	.....
Total Head Works ...	.....	...	.....	50,000	.....
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	.....	...	.....	4,768	.....
B. Land	.....	...	.....	12,803	.....
D. Regulators	.....	...	.....	70,765	.....
G. Bridges	.....	...	.....	23,853	.....
K. Buildings	24,925	−265	24,660	1,15,875	.....
L. Earth-Work	.....	...	.....	2,29,389	.....
P. Maintenance	.....	...	.....	18,172	.....
Total Main Canals and Branches ...	24,925	−265	24,660	4,86,075	.....
(3) *Distributaries.*					
B. Land	... ..	...	.....	37,851	.....
C. Works	.....	...	.....	45,261	.. ...
L. Earth-Work	.....	...	.....	2,29,216	.....
O. Miscellaneous	.....	...	.....	−1,64,506	.....
P. Maintenance	.....	...	.....	5,828	.....
Total Distributaries ...	.....	...	.....	1,53,650	.....
Total I.—Works ...	24,925	−265	24,660	6,89,725	.....
II.—Establishment.					
1 & 2. Direction and Accounts ...	4,030	−46	3,984	1,57,416	.....
3. Executive ...					
Total Establishment ...	4,030	−46	3,984	1,57,416	.....
III.—Tools and Plant. ...	393	−6	387	10,346	.....
IV.—Suspense Accounts	.....	...	.....	... ..	.....
Grand Total ...	29,348	−317	29,031	8,57,487	.....
V.—Less Receipts on Capital Account ...	.....	.....	.....	.....	.....
Net Outlay ...	29,348	−317	29,031	8,57,487	.....
Apportionment.					
Chargeable to 49.—Irrigation ...	29,348	...	29,348	8,57,487	.....
Chargeable to 55.—Construction of Irrigation Works—Provincial ...	.....	−317	−317		
Total ...	29,348	−317	29,031	8,57,487	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS, FOR THE YEAR *1921-1922.*

SEHARWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921 .	1,744	Net Revenue realized to end of 1920-1921 .	...
Interest charges for the year 1921-1922 ...	1,781	Net Revenue realized during 1921-1922 .	...
On Rs. 29,190 outlay from 1917-18 to end of 1920-21 and half outlay for the year 1921-22 at the average rate 6·1038 per cent.		Balance net interest charges ...	... 3,525
Total ...	3,525	Total	3,525

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowance	561	−6	555
3. Audit and Accounts Establishment	.....	−3	−3
Total ...	564	−9	555

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	24,660	6,89,725	6,65,065	24,660	Government of India (Public Works Department) No. 86-I dated 15th March 1920, Communicated in Government Resolution (Public Works Department) No. 1.—1176, dated 7th June 1920.
Establishment ...	...	...	...	3,984	1,57,416	1,53,432	3,984	
Tools and Plant ...	...	...	...	387	10,346	9,959	387	
Total ...	...	...	...	29,031	8,57,487	8,28,456	29,031	
Net Total ...	...	...	...	29,031	8,57,487	8,28,456	29,031	
INDIRECT CHARGES.								
Leave and Pension Allowances ...	...	...	...	558	22,038	21,480	558	
Audit and Accounts Establishment ...	...	...	...	−3	...	3	−3	
Total ...	..	...	...	555	22,038	21,483	555	
Grand Total ...	....	...	...	29,586	8,79,525	8,49,939	29,586	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
1. Water-rates from Irrigation ...	8,959	...	8,959	1. Head Works	8,338	...	8,338
5. Plantation ...	84	...	90	2. Main Canals and Branches ...	201	601	802
6. Other canal produce		6		Total ...	8,539	601	9,140
Total ...	9,043	6	9,049	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,070	401	2,471
II.—INDIRECT RECEIPTS.				3. Executive			
				Total ..	2,070	401	2,471
Irrigation share of Land Revenue collected in the Civil Department ...	78,218	2,355	80,573	V.—TOOLS AND PLANT ...	52	43	95
				VI.—REFUNDS OF REVENUE .	2,021	...	2,021
Total, Receipts ...	87,261	2,361	89,622				
				Total ...	12,682	1,045	13,727
				Share of Collection Charges in the Civil Department .	8,721	235	8,956
				Total direct charges ...	21,403	1,280	22,683
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	289	62	351
				Total, Charges ...	21,692	1,342	23,034
				Balance Net Revenue ...	65,569	1,019	66,588
Grand Total .	87,261	2,361	89,622	Grand Total ...	87,261	2,361	89,622

N.B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1852 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 101, dated 18th January 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GADIKERI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-22.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*18,473	Net Revenue realized to end of 1920-21.	65,569
Interest charges for the year 1921-22 ...	544	Net Revenue realized during 1921-22 ...	1,019
On Rs. 16,363 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			66,588
		Balance net interest charges ...	−47,571
Subsequent outlay *Nil*	...		
Total ..	19,017	Total ...	19,017

*The Amount was not adjusted under Interest in previous year.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	289	56	345
3. Audit and Accounts Establishment... ...	... ..	6	6
	289	62	351

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MAVINKOP TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipt.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	1,440	...	1,440
5. Plantations ...	28	...	28	3. Distributaries ...	158	...	158
6. Other canal produce.				Total ...	1,598	...	1,598
11. Miscellaneous Receipts	169	...	169	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	4,223	...	4,223
				2. Main Canals and Branches ...	1,526	1,023	2,549
Total ...	197	...	197	3. Distributaries ...	348	...	348
				Total ...	6,097	1,023	7,120
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	63,988	1,241	65,229	1 & 2. Direction and Accounts ... 3. Executive ..	5,718	682	6,400
				Total ...	5,718	682	6,400
Total ...	63,988	1,241	65,229	V.—TOOLS AND PLANT .	116	74	190
				Total ..	13,529	1,779	15,308
Total, Receipts ..	64,185	1,241	65,426	Share of Collection Charges in the Civil Department ...	6,408	124	6,532
				Total Direct charges ...	19,937	1,903	21,840
				Indirect Charges debitable to Revenue Account as per Account No. 5	801	105	906
				Total, Charges ...	20,738	2,008	22,746
				Balance Net Revenue ...	43,447	−767	42,680
Grand Total ...	64,185	1,241	65,426	Grand Total ...	64,185	1,241	65,426

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1417, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR. 1921-1922.

MAVINKOP TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*46,086	Net Revenue realized to end of 1920-21.	43,447
Interest charges for the year 1921-22 ...	1,004	Net Revenue realized during 1921-22 ...	—767
On Rs. 30,185 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	...	... ...	42,680
Subsequent outlay *nil*	...	Balance net interest charges ...	4,410
Total ...	47,090	Total ...	47,090

*The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	...	...	...
2. Leave and Pension Allowances	801	95	896
3. Accounts and Audit	..	10	10
Total ...	801	105	906

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MAHIWAR CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-22.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
B. Land	62,933	...	62,933	68,616	...
D. Regulators	1,53,899	...	1,53,899	1,61,973	...
E. Falls and Weirs	8,272	...	8,272	8,291	...
G. Bridges	44,200	...	44,200	46,358	...
K. Buildings	34,288	...	34,288	34,288	...
L. Earth-work	4,14,441	...	4,14,441	4,42,880	...
Total, Main Canals and Branches ...	7,18,033	...	7,18,033	7,62,406	...
(3)—Distributaries.					
C. Works	69,822	...	69,822	78,946	...
L. Earth-work	79,871	...	79,871	80,121	...
Total, Distributaries ...	1,49,693	...	1,49,693	1,59,067	...
(4)—Drainage and Protective Works.					
B. Land	4,210	...	4,210	4,210	...
C. Works	50,954	...	50,954	50,954	...
L. Earth-work	2,04,631	...	2,04,631	2,04,631	...
Total, Drainage and Protective Works ...	2,59,795	...	2,59,795	2,59,795	...
Total, I.—Works ...	11,27,521	...	11,27,521	11,81,268	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	53,473	...	53,473	2,54,486	...
3. Executive	1,90,404	...	1,90,404		
Total, II.—Establishment ...	2,43,877	...	2,43,877	2,54,486	...
III.—TOOLS AND PLANT	9,500	...	9,500	9,500	...
Grand Total ...	13,80,898	...	13,80,898	14,45,254	...
V.—*Less*—Receipts on Capital Account ...	6	...	6	6	...
Net Outlay ...	13,80,892	...	13,80,892	14,45,248	...
APPORTIONMENT.					
Chargeable to 49.—Irrigation	13,80,892	...	13,80,892	14,45,248	...
Chargeable to 55—Construction of Irrigation Works—Provincial	...	...	...		
Total ...	13,80,892	...	13,80,892	14,45,248	...

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MAHIWAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,072	—96	3,976				
3. Sales of Water ...	6	...	6				
5. Plantations ...	480	21	501	2. Main Canals and Branches	1,26,804	9,991	1,36,795
6. Other Canal Produce	3,554	4,352	7,906	3. Distributaries ...	11,604	725	12,329
9. Rents of Buildings.	397	1	398				
10. Fines	9,940	777	10,717	Total ...	1,38,408	10,716	1,49,124
11. Miscellaneous Receipts	18,436	1,207	19,643				
				II.—MAINTENANCE AND REPAIRS.			
Total ...	36,885	6,262	43,147				
				2. Main Canals and Branches ...	8,42,920	74,973	9,17,893
II.—INDIRECT RECEIPTS.				3. Distributaries ...	8,189	...	8,189
				Total ...	8,51,109	74,973	9,26,082
Irrigation share of Land Revenue collected in the Civil Department	10,39,197	32,743	10,71,940	IV.—ESTABLISHMENT.			
4 per cent. on $\frac{8}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A. I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	50,444	3,375	53,819	1 & 2. Direction and Accounts ... ... 3. Executive	1,19,418	14,703	1,34,121
				Total ...	1,19,418	14,703	1,34,121
				V.—TOOLS AND PLANT ...	6,358	2,247	8,605
				VI.—REFUNDS OF REVENUE	210	...	210
				Total ...	11,15,503	1,02,639	12,18,142
Total ...	10,89,641	36,118	11,25,759				
				Share of Collection Charges in the Civil Department	56,541	1,997	58,538
Total, Receipts ...	11,26,526	42,380	11,68,906	Total Direct charges ...	11,72,044	1,04,636	12,76,680
Note.—Loss to the canal on account of difference between assessment of water-rates on Jágbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1888. Rs. To end of 1920-1921 ... 97,244 Loss for 1921-1922 ... —725 Total ... 96,509				Indirect Charges debitable to Revenue Account as per Account No. 5	20,236	2,915	23,151
				Total Charges ...	11,92,280	1,07,551	12,99,831
				Balance Net Revenue ...	—65,754	—65,171	—1,30,925
Grand Total ...	11,26,526	42,380	11,68,906	Grand Total ...	11,26,526	42,380	11,68,906

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MAHIWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-1921 ...	8,78,008	Net Revenue realized to end of 1920-1921 ...	—65,754
Interest charges for the year 1921-1922 ...	45,913	Do. during 1921-1922 ...	—65,171
On Rs 13,81,060 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 45,923.			—1,30,925
On subsequent outlay Rs.—168 at the average rate 6·1038 per cent.—10.	...	Balance net Interest charges	10,54,846
Total ...	9,23,921	Total ...	9,23,921

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue...	24,649	.....	24,649
2. Leave and Pension Allowances	34,143	.....	34,143
Total ...	58,792	.....	58,792
REVENUE—			
1. Capitalized abatement of Land Revenue	3,518	.....	3,518
2. Leave and Pension Allowances	16,718	2,058	18,776
3. Audit and Accounts Establishment	.....	857	857
Total ...	20,236	2,915	23,151

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	11,27,521	11,81,268	53,747	11,27,521	Revised Estimate sanctioned in the Secretary of State's Despatch No. 28-P. W., dated 15th May 1919, as modified by the Government of India's No. 603-I., dated 8th August 1919, vide Government Resolution No. W. I.—2211, dated 12th October 1920 ... ... Rs. 15,17,356
Establishment ...	...	...	...	2,43,877	2,54,486	10,609	2,43,877	
Tools and Plant ...	...	...	...	9,500	9,500	...	2,500	
Total ...	...	...	...	13,80,898	14,45,254	64,356	13,80,898	Note.—In the sanctioned provision of Establishment Rs. 3,97,700 is included the charge of Rs. 2,97,700 on the Establishment of Mahi Canal Project, vide paragraph 2 of Government Resolution No. 2228, dated 18th October 1910.
Less—Receipts on Capital Account...	...	...	...	6	6	...	6	
Net Total ...	...	...	...	13,80,892	14,45,248	64,356	13,80,892	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue...	...	...	...	24,649	36,425	11,776	24,649	
Leave and Pension Allowances	...	...	...	34,143	35,683	1,540	34,143	
Total ...	...	...	...	58,792	72,108	13,316	58,792	
Grand Total ...	...	...	...	14,39,684	15,17,356	72,672	14,39,684	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DA'D CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1921-22.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	4,134	.....	4,134	4,134	4,134
B. Land	39,338	.....	39,338	39,338	39,338
D. Regulators	2,00,254	4,890	2,05,144	2,17,888	2,00,254
G. Bridges	91,352	.....	91,352	91,352	91,352
H. Escapes	13,077	.....	13,077	13,077	13,077
K. Buildings	89,030	.....	89,030	89,030	89,030
L. Earth-work	14,18,551	.....	14,18,551	14,18,551	14,18,551
O. Miscellaneous	7,086	.....	7,086	7,086	7,086
Total, Main Canals and Branches ...	18,52,822	4,890	18,57,712	18,80,456	18,62,822
(3)—*Distributaries.*					
B. Land	2,600	.....	2,600	5,738	20
C. Works	91,637	.....	91,637	93,239	68,280
L. Earth-work	1,00,382	.....	1,00,382	1,04,564	24,564
O. Miscellaneous	97,771	—2,072	95,699	81,345	—5,930
Total, Distributaries ...	2,92,340	—2,072	2,90,268	2,84,886	81,934
(4)—*Drainage and Protective Works.*					
L. Earth-work	14,590	.....	14,590	14,590	14,590
O. Miscellaneous	505	.....	505	505	505
Total, Drainage and Protective Works.	15,095	.....	15,095	15,095	15,095
Total I.—Works ...	21,70,257	2,818	21,73,075	21,80,437	19,59,851
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,59,527	997	3,60,524	3,87,309	3,42,099
3. Executive					
5. Special Survey	12,721	.....	12,721		
Total, Establishment ...	3,72,248	997	3,73,245	3,87,309	3,42,099
III.—TOOLS AND PLANT	19,248	29	19,277	19,263	16,962
Grand Total ...	25,61,753	3,844	25,65,597	25,87,009	23,18,912
V.—*Less*—Receipts on Capital Account.	34	.....	34	34	34
Net Outlay ...	25,61,719	3,844	25,65,563	25,86,975	23,18,878
APPORTIONMENT.					
Chargeable to 49—Irrigation ...	25,57,892	.....	25,57,892		23,15,051
Do. 43—Minor Works and Navigation ...	3,827	.....	3,827	25,86,975	3,827
Do. 55—Construction of Irrigation Works—Provincial ...	.....	3,844	3,844		...
Total ...	25,61,719	3,844	25,65,563	25,86,975	23,18,878

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DA'D CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	11,667	—229	11,438	1. Head Works ...	1,447	3,412	4,859
5. Plantations ...	7,720	...	7,720	2. Main Canals and Branches ...	76,764	13,767	90,531
6. Other canal produce ...	1,707	119	1,826	3. Distributaries ..	16,585	...	16,585
8. Navigation ...	40	29	69	Average expenditure before improvements...	—86,127	—4,608	—90,735
9. Rents of buildings.	4,096	69	4,165	Total ...	8,669	12,571	21,240
10. Fines ...	4,470	5	4,475				
11. Miscellaneous Receipts ...	11,278	—386	10,892	II.—MAINTENANCE AND REPAIRS.			
12. *Deduct*—Refunds...	.....	—5	—5	2 Main Canals and Branches ...	12,12,063	73,684	12,85,747
Total ...	40,978	—388	40,590	3. Distributaries ...	44,418	12,681	57,099
				Total ...	12,56,481	86,365	13,42,846
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	26,36,440	2,46,311	28,82,751	IV.—ESTABLISHMENT.			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 48 A.I., dated respectively, 26th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	1,17,712	8,586	1,26,298	1 & 2. Direction and Accounts ...	4,27,127	36,716	4,63,843
				3. Executive ...			
				Total ...	4,27,127	36,716	4,63,843
				V.—TOOLS AND PLANT...	12,556	1,342	13,898
				VI.—REFUNDS OF REVENUE ...	518	...	518
Total ...	27,54,152	2,54,897	30,09,049	Suspense Account ...	1,465	...	1,465
				Deduct—Recoveries on			
Total Receipts ...	27,95,130	2,54,509	30,49,639	Revenue Account ...	.....	204	204
				Total ...	17,06,816	1,36,790	18,43,606
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	1,38,349	14,765	1,53,114
				Total Direct charges...	18,45,165	1,51,555	19,96,720
Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	60,992	6,129	67,121
To end of 1920-1921. 3,84,070 Loss for 1921-1922 ... 26,057				Total Charges ...	19,06,157	1,57,684	20,63,841
Total ... 4,10,727				Balance Net Revenue ...	8,88,973	96,825	9,85,798
Grand Total ...	27,95,130	2,54,509	30,49,639	Grand Total ...	27,95,130	2,54,509	30,49,639

N.B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved in Government Resolution, No. 1054, dated 30th April 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DA'D CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-1921 ...	17,50,528		
Interest charges for the year 1921-1922 ...	84,885	Net revenue realized to end of 1920-1921 ...	8,88,973
On Rs. 25,76,626 outlay to end of the year 1916-17 at the average 3·3252 Rs. per cent.	85,678	Do. during 1921-1922 ...	96,825
On subsequent outlay —12,985 at the average rate 6·1038 per cent. ...	—793		9,85,798
		Balance net Interest charges	8,49,615
Total ...	18,35,418	Total ...	18,35,413

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	41,453	.....	41,453
2. Leave and Pension Allowances	52,115	140	52,255
3. Audit and Accounts	.....	28	28
Total ...	93,568	168	93,736
REVENUE —			
1. Capitalized abatement of Land Revenue	1,194	.....	1,194
2. Leave and Pension Allowances	59,798	5,140	64,938
3. Audit and Accounts Establishment	.....	989	989
Total ...	60,992	6,129	67,121

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars	Charges against closed sanctions.			Current sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works ...	18,99,648	60,203	19,59,851	2,13,224	2,20,586	7,362	21,73,075	Revised Estimate of the Rec. Distributary sanctioned by the Government of India—*vide* No. 978-I., dated 29th June 1914, communicated in Government Resolution No. W. I.—9017, dated 13th August 1914 8,05,231
Establishment ...	3,16,653	25,436	3,42,099	31,146	45,210	14,064	3,73,245	
Tools and Plant ...	16,579	383	16,962	2,315	2,301	—14	19,277	
Total ...	22,32,890	86,022	23,18,912	2,46,685	2,68,097	21,412	25,65,597	
Less—Receipts on Capital Account ...	34	...	34	...	...	...	34	Estimate sanctioned in Government Resolution No. 1145, dated 4th July 1922 22,897
Net Total ...	22,32,856	86,022	23,18,878	2,46,685	2,68,097	21,412	25,65,563	9,77,628
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	40,168	1,170	41,278	175	3,025	2,850	41,453	
Leave and Pension Allowances ...	44,333	3,560	47,893	4,362	6,330	1,968	52,255	
Audit and accounts Establishment ...	...	—3	—3	31	176	145	28	
Total ...	84,501	4,667	89,168	4,568	9,531	4,963	93,736	
Grand Total ...	23,17,357	90,689	24,08,046	2,51,253	2,77,628	26,375	26,59,299	

IRRIGATION BRANCH, BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NASRAT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,653	...	1,653	1,653	1,653
B. Land	40,941	...	40,941	40,941	40,941
D. Regulators	1,84,574	...	1,84,574	1,84,574	1,84,574
G. Bridges	67,852	...	67,852	67,852	67,852
K. Buildings	69,315	...	69,315	69,315	69,315
L. Earth-work	9,78,967	...	9,78,967	9,78,967	9,78,967
O. Miscellaneous	4,430	...	4,430	4,430	4,430
Total, Main Canals and Branches ...	13,47,732	...	13,47,732	13,47,732	13,47,732
(3)—*Distributaries.*					
B. Land	576	...	576	576	576
C. Works	1,38,669	...	1,38,669	1,38,669	1,38,669
L. Earth-work	73,188	...	73,188	73,188	73,188
O. Miscellaneous	—19,453	—579	—20,032	—20,032	—20,032
Total, Distributaries ...	1,92,980	—579	1,92,401	1,92,401	1,92,401
(4)—*Drainage and Protective Works.*					
L. Earth-work	4,398	...	4,398	4,398	4,398
O. Miscellaneous	377	...	377	377	377
Total, Drainage and Protective Works ...	4,775	...	4,775	4,775	4,775
Total, I.—Works ...	15,45,487	—579	15,44,908	15,44,908	15,44,908
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	2,51,390	—205	2,51,185	2,51,185	2,51,185
3. Executive					
5. Special Survey	1,263	...	1,263	1,263	1,263
Total, Establishment ...	2,52,653	—205	2,52,448	2,52,448	2,52,448
III.—TOOLS AND PLANT	6,852	—6	6,846	6,846	6,846
Grand Total ...	18,04,992	—790	18,04,202	18,04,202	18,04,202
V.—*Less*—Receipts on Capital Account ...	158	...	158	158	158
Net Outlay ...	18,04,834	—790	18,04,044	18,04,044	18,04,044
APPORTIONMENT.					
Chargeable to 49.—Irrigation	18,04,834	...	18,04,834	18,04,834	18,04,834
Chargeable to 55—Construction of Irrigation Works Provincial	...	—790	—790	—790	—790
Total ...	18,04,834	—790	18,04,044	18,04,044	18,04,044

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NASRAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I. DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	—385	—84	—469				
3. Sales of water ...	98	...	98	2. Main Canals and Branches	77,994	3,472	81,466
5. Plantations ...	3,261	55	3,316	3. Distributaries. ...	21,126	2,160	23,286
6. Other canal produce	1,730	44	1,77	Total ...	99,120	5,632	1,04,752
8 Navigation ...	33	10	44	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	3,179	47	3,226				
10. Fines	3,934	...	3,934				
11. Miscellaneous Receipts	3,615	—401	3,214				
				2. Main Canals and Branches	12,07,226	99,904	13,07,130
Total ...	15,465	—329	15,136	Total ...	12,07,226	99,904	13,07,130
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	26,08,940	1,57,118	27,66,058	1 & 2. Direction and Accounts	4,43,521	37,956	4,81,477
				3. Executive			
				Total ...	4,43,521	37,956	4,81,477
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 53-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1939, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,64,078	13,936	1,78,014	V. TOOLS AND PLANT.	11,909	1,348	13,257
				VI.—REFUNDS OF REVENUE	98	...	98
				Suspense account ...	—1,465	...	—1,465
				Deduct Recoveries on Revenue account ...	...	204	204
Total ...	27,73,018	1,71,054	29,44,072	Total ...	17,60,409	1,44,636	19,05,045
Total, Receipts ...	27,88,483	1,70,725	29,59,208	Share of Collection Charges in the Civil Department	1,55,926	9,421	1,65,347
Note.—Loss to the canal on account of difference between assessment of water rates on Jagbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Total Direct charges ...	19,16,335	1,54,057	20,70,392
				Indirect charges debitable to Revenue Account as per Account No. 5	62,127	6,369	68,496
Rs.							
To end of 1920-1921 ..30,258							
Loss for 1921-1922 ... 1,228							
Total ...31,486				Total, Charges ...	19,78,462	1,60,426	21,38,888
				Balance Net Revenue ..	8,10,021	10,299	8,20,320
Grand Total ..	27,88,483	1,70,725	29,59,208	Grand Total ...	27,88,483	1,70,725	29,59,208

N.B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved by Government Resolution No. 1064, dated 20th April 1910.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NASRAT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-1921 ...	11,62,519	Net revenue realized to end of 1920-1921 ...	8,10,021
Interest charges for the year 1921-1922 ...	59,805	Do. during 1921-1922 ...	10,299
On Rs. 18,11,482 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. 60,235			8,20,320
On Subsequent outlay—7,043 at the average rate 6·1038 per cent. ... —430		Balance net Interest charges	4,02,004
Total ...	12,22,324	Total ...	12,22,324

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	22,749	.....	22,749
2. Leave and Pension Allowances	35,370	—29	35,341
3. Audit and Accounts Establishment	.....	—6	—6
Total ...	58,119	—35	58,084
REVENUE—			
1. Capitalized abatement of Land Revenue	33	.....	33
2. Leave and Pension Allowances	62,094	5,314	67,408
3. Audit and Accounts Establishment	.....	1,055	1,055
Total ...	62,127	6,369	68,496

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	15,71,038	—26,730	15,44,908				15,44,908	
Establishment ...	2,23,469	28,979	2,52,448				2,52,448	
Tools and Plant ...	5,046	1,800	6,846				6,846	
Total ...	18,06,153	4,049	18,04,202				18,04,202	
less—Receipts on Capital Account	158	...	158				158	
Net Total ...	17,99,995	4,049	18,04,044				18,04,044	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	15,098	7,651	22,749				22,749	
Leave and Pension Allowances	31,285	4,056	35,341				35,341	
Audit and Accounts Establishment.	...	—6	—6				—6	
Total ...	46,383	11,701	58,084				58,084	
Grand Total ...	18,46,378	15,750	18,62,128				18,62,128	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SUTTAH CANAL.

CANAL PROJECT.

No 3.—Revenue Account for, and to end of, 1921-1922.

* Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	330	—18	312	2. Main Canals and Branches	10,140	...	10,140
5. Plantations	58	9	1,26 6	4. Drainage and Protective Works	—33,898	—1,994	—35,892
6. Other canal produce ..	1,199						
10. Fines	159	...	159				
11. Miscellaneous Receipts ...	—116	35	—81				
Total ..	1,680	26	1,656	Total ...	—23,758	—1,994	—25,752
				II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	2,04,029	21,920	2,25,949	2. Main Canals and Branches	1,54,699	22,662	1,77,361
				Total ..	1,54,699	22,662	1,77,361
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 83 and 58-A. R, dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	8,429	855	9,284	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	12,235	3,074	15,309
				3. Executive			
Total ...	2,12,458	22,775	2,35,233	Total ..	12,235	3,074	15,309
Total, Receipts ...	2,14,088	22,801	2,36,889				
				V.—TOOLS AND PLANT ..	167	629	796
				Total ...	1,43,343	24,371	1,67,714
				Share of Collection Charges in the Civil Department ...	12,111	1,313	13,424
				Total Direct charges ...	1,55,454	25,684	1,81,138
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,713	637	2,350
				Total, Charges ...	1,57,167	26,321	1,83,488
				Balance Net Revenue	56,921	—3,520	53,401
Grand Total ...	2,14,088	22,801	2,36,889	Grand Total ...	2,14,088	22,801	2,36,889

Note.—Loss to the canal on account of difference between assessment of water-rates on lights lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1889, communicated under Government Resolution No. 400, dated 11th August 1883 :—

	Rs.
To end of 1920-1921	4,908
Loss for 1921-1922	218
Total ...	5,126

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-1913. Construction Estimate closed on 31st March 1910—*vide* Government Resolution No. 292, dated 6th February 1919. Completion Report approved in Government Resolution No. 950, dated 9th May 1911.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SUTTAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*97,684	Net Revenue realized to end of 1920-21.	56,921
Interest charges for the year 1921-22 ...	5,787	Net Revenue realized during 1921-22 ...	−3,520
On Rs. 1,74,028 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			53,401
Subsequent outlay *nil*.		Balance net interest charges ...	50,070
Total ...	1,03,471	Total ...	1,03,471

*The amount was not adjusted under "Interest" in Previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	...	...	...
2. Leave and Pension Allowances ...	1,713	430	2,143
3. Audit and Accounts Establishment ...	...	207	207
Total ...	1,713	637	2,350

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NAULA'KHI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921 ...	3,138	Net revenue realized to end of 1920-1921 ...	Nil
Interest charges for the year 1921-1922 ...	170	Do. during 1921-1922 ...	...
On Rs. 5,112 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			...
Subsequent outlay *nil.*		Balance net interest charges	3,308
Total ...	3,308	Total ...	3,308

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	33	.....	33
3. Audit and Accounts	.....	.....	.....
Total ...	33	.....	33

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	4,876	9,72,019	9,67,143	4,876	Project sanctioned by the Secretary of State in Despatch No. 51-P. W., dated 5th December 1896, communicated in Government of India No. 5-I., dated 14th January 1896—*vide* Government Resolution No. W. L.-145, dated 30th idem. The date for the construction of the work extended for a further period of 5 years from 6th December 1910, *vide* Government of India letter No. 1270-I., dated 21st December 1910, communicated in Government Resolution (Public Works) No. 79, dated 17th January 1911.
Establishment	...	...	...	236	2,31,493	2,31,257	236	
Tools and Plant ...	...	...	...	...	14,423	14,423	...	
Total ...	...	...	...	5,112	12,17,935	12,12,823	5,112	
Less.—Receipts on Capital Account	...	...	...	...	...	...	...	
Net Total ...	...	...	...	5,112	12,17,935	12,12,823	5,112	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	12,470	12,470	...	
Leave and Pension Allowances	...	...	...	33	32,149	32,116	33	
Total ..	...	...	...	33	44,619	44,586	33	
Grand Total ...	...	...	...	5,145	12,62,554	12,57,409	5,145	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-192.

HATHMATI AND KHARI CUT CANALS.

CANAL PROJECT.

No. 8.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	10,17,278	58,866	10,76,144	1. Head Works ...	16,478	2,160	18,638
3. Sales of water ...	1,541	173	1,714	2. Main Canals and Branches	73,523	4,308	77,831
4. Water-supply of towns	2,672	...	2,672	3. Distributaries ...	7,249	...	7,249
5. Plantations ...	}	{ ...	}	Total ...	97,250	6,468	1,03,718
6. Other Canal Produce	77,384	{ 3,018	80,402	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	37	...	37	1. Head Works	93,541	6,574	1,00,115
10. Fines	359	...	359	2. Main Canals and Branches	3,26,823	14,428	3,41,251
11. Miscellaneous Receipts	29,245	1,163	30,408	3. Distributaries ...	87,916	5,030	92,946
12. Deduct Refunds ...	...	192	192	4. Drainage and Protective Works ...	4,402	...	4,402
Total ...	11,28,516	63,028	11,91,544	Total ...	5,12,682	26,032	5,38,714
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	3,615	...	3,615
				IV.—ESTABLISHMENT.			
Total Receipts ...	11,28,516	63,028	11,91,544	1 & 2. Direction and Accounts ... } 3. Executive ... }	2,41,715	7,262	2,48,977
				Total ...	2,41,715	7,262	2,48,977
				V.—TOOLS AND PLANT ...	9,358	1,734	11,092
				Profit and Loss	186	...	186
				VI.—REFUNDS OF REVENUE	3,854	...	3,854
				Total ...	8,68,660	41,496	9,10,156
				Share of Collection Charges in the Civil Department	50,896	2,943	53,839
				Total Direct charges...	9,19,556	44,439	9,63,995
				Indirect Charges debitable to Revenue Account as per Account No. 5	36,299	1,342	37,641
				Total Charges ...	9,55,855	45,781	10,01,636
				Balance Net Revenue ...	1,72,661	17,247	1,89,908
Grand Total ...	11,28,516	63,028	11,91,544	Grand Total ...	11,28,516	63,028	11,91,544

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15 and No. 6 in the Administrative Accounts for 1915-16.

Construction Estimate of the Hathmati Canal closed in 1883-84 and that of the Khari Cut Canal closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893. *Vide* also Government Resolution No. 2902 of 10th December 1909.

Completion Report of the Khari Cut Canal approved in Government Resolution No. 668 of 16th April 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

HA'THMATI AND KHARI CUT CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921.	11,91,582	Net revenue realized to end of 1920-1921.	1,72,661
Interest charges for the year 1921-1922...	41,265	Do. during 1921-1922 ...	17,247
On Rs. 12,40,983 outlay to end of the year 1916-17 at 3·3252 per cent.			1,89,908
Subsequent outlay *nil.*		Balance net interest charges ...	10,42,939
Total ..	12,32,847	Total ...	12,32,847

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	825	.....	825
2. Leave and Pension Allowances	35,474	1,017	36,491
3. Audit and Accounts Establishment	.....	325	325
Total ...	36,299	1,342	37,641

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

WANGROLI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	41,037	6,088	48,025	1. Head Works ...	1,809	...	1,809
3. Sales of water ...	1,886	...	1,886	2. Main Canals and Branches... ...	12,070	—9	12,061
4. Water-supply of towns ...	20	...	20	Total ...	13,879	—9	13,870
5. Plantations ...	21	...	21				
6. Other Canal produce ...	643	103	746	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	2	...	2	1. Head Works ...	33,597	1,265	34,862
11. Miscellaneous receipts	5,075	50	5,125	2. Main Canals and Branches... ...	35,744	5,525	41,269
12. Deduct Refunds ...	...	37	37	Total ...	69,341	6,790	76,131
Total ...	49,584	6,204	55,788				
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	28,945	...	28,945	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts... ..	27,560	1,515	29,075
				3. Executive			
				Total ..	27,560	1,515	29,075
				V.—TOOLS AND PLANT ...	1,548	362	1,910
				VI.—REFUNDS OF REVENUE	103	...	103
				Total ...	1,12,431	8,658	1,21,089
				Share of Collection Charges in the Civil Department	5,134	304	5,438
				Total Direct charges ...	1,17,565	8,962	1,26,527
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,876	280	4,156
				Total Charges ...	1,21,441	9,242	1,30,683
Total ...	28,945	...	28,945	Balance Net Revenue...	—42,912	—3,038	—45,950
Total Receipts ...	78,529	6,204	84,733	Grand Total ...	78,529	6,204	84,733

N.B.—Last Capital Account detailed in the Administrative Accounts for 1917-18.

Construction Estimate closed on 31st March 1909—*vide* Government Resolution No. 903, dated 31st March 1909.
Completion Report approved in Government Resolution No. 729, dated 19th March 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT,

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

WANGROLI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*1,25,329	Net Revenue realized to end of 1920-21	—42,912
Interest charges for the year 1921-1922...	8,023	Net Revenue realized during 1921-22 ...	—3,038
Rs.			
On Rs. 2,38,960 outlay to end of the year 1916-17 at the average rate 3·3252 per cent ... 7,948	...		—45,950
On subsequent outlay Rs. 1,267 at the average rate 6·1038 per cent... 77	...	Balance net interest charges ...	1,79,302
Total ...	1,33,352	Total ...	1,33,352

*The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	19	.....	19
2. Leave and Pension Allowances	3,857	212	4,069
3. Audit and accounts Establishment	.....	68	68
Total ...	3,876	280	4,156

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

TRANZA-NAGRAMA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,148	80	5,228	1. Head Works ...	6,055	...	6,055
5. Plantations ...	1	...	1	2. Main Canals and Branches ...	399	...	399
6. Other Canal produce ...	860	1,417	2,277	Total ...	6,454	...	6,454
10. Fines ...	16	...	16	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts ...	4,567	780	5,347	1. Head Works ...	16,048	1,222	17,270
Total ...	10,592	2,277	12,869	2. Main Canals and Branches ...	8,822	1,210	10,030
II.—INDIRECT RECEIPTS.				Total ...	24,870	2,432	27,302
Irrigation share of Land Revenue collected in the Civil Department	649	11	660	IV.—ESTABLISHMENT.			
Total ...	649	11	660	1 & 2. Direction and Accounts ... } 8. Executive ... }	11,740	543	12,283
Total, Receipts ...	11,241	2,288	13,529	Total ...	11,740	543	12,283
				V.—TOOLS AND PLANT ...	620	130	750
				VI.—REFUNDS OF REVENUE ...	199	...	199
				Total ...	43,883	3,105	46,988
				Share of Collection Charges in the Civil Department	373	5	378
				Total Direct charges ...	44,256	3,110	47,366
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,681	100	1,781
				Total Charges ...	45,937	3,210	49,147
				Balance Net Revenue ...	—34,696	—922	—35,618
Grand Total ...	11,241	2,288	13,529	Grand Total ...	11,241	2,288	13,529

N.B.—Last Capital Account detailed in the Administrative Accounts for 1913-1914. Construction Estimate closed on 30th June 1909 —*vide* Government Resolution No. 2496, dated 12th October 1909. Completion Report approved in Government Resolution No. 1730, dated 6th August 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

TRANZA NAGRAMA TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*1,40,299	Net Revenue realized to end of 1920-21.	-34,696
Interest charges for the year 1921-22 ...	7,915	Net Revenue realized during 1921-22 ...	-922
On Rs. 2,38,032 outlay to end of the year 1916-17 at the average rate 3·3252 per cent	...		-35,618
Subsequent outlay *nil*	...	Balance net interest charges ...	1,83,832
Total ...	1,48,214	Total ...	1,48,214

*The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	38	.....	38
2. Leave and Pension Allowances	1,643	76	1,719
3. Audit and Account Establishment	.....	24	24
Total ...	1,681	100	1,781

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SAVALI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	39,748	2,758	42,506	1. Head Works ...	2,305	...	2,305
3. Sales of water ...	20	...	20	2. Main Canals and Branches ..	2,356	...	2,356
5 Plantations ...	65	...	65	Total ...	4,661	...	4,661
6. Other Canal produce...	416	71	487				
10. Fines ...	14	..	14				
11 Miscellaneous receipts	3,786	53	3,839				
12. Deduct Refunds ...	...	82	82				
Total ...	44,049	2,800	46,849	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	47,277	2,725	50,002
				2. Main Canals and Branches ...	17,542	2,174	19,716
II.—INDIRECT RECEIPTS.				Total ...	64,819	4,899	69,718
Irrigation share of Land Revenue collected in the Civil Department ...	2	...	2	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	21,650	1,095	22,745
Total ...	2	...	2	3. Executive ...			
Total, Receipts ...	44,051	2,800	46,851	Total ...	21,650	1,095	22,745
				V.—TOOLS AND PLANT	1,283	261	1,544
				VI.—REFUNDS OF REVENUE. ...	48	...	48
				Total ...	92,461	6,255	98,716
				Share of collection Charges in the Civil Department ...	2,001	129	2,130
				Total Direct charges.	94,462	6,384	1,00,846
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,480	202	3,682
				Total Charges ...	97,942	6,586	1,04,528
				Balance Net Revenue ...	—53,891	—3,786	—57,677
Grand Total ...	44,051	2,800	46,851	Grand Total ...	44,051	2,800	46,851

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-13. Construction Estimate closed on 31st March 1913—*vide* Government Resolution No. 66, dated 12th January 1910. Completion Report approved in Government Resolution No. 2677, dated 16th March 1912.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SAVLI TANK.

TANK PORJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*1,21,038	Net Revenue realized to end of 1920-21.	−53,891
Interest charges for the year 1921-22 ...	7,787	Net Revenue realized during 1921-22 ...	−3,786
On Rs. 2,34,179 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	...		−57,677
Subsequent outlay *nil*	...	Balance net interest charges ...	1,86,502
Total ...	1,28,825	Total ...	128,825

*The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	449	.....	449
2. Leave and Pension Allowances ...	3,031	153	3,184
3. Audit and Accounts Establishment ...	.....	49	49
Total ...	3,480	202	3,682

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SAHIAT TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	12,276	1,527	13,903	1. Head Works ...	2,460	...	2,460
5. Plantations ...	15	...	15	2. Main Canals and Branches ..	4,443	...	4,443
6. Other canal produce	1,045	100	1,145	3. Distributaries ...	612	...	612
11. Miscellaneous receipts	2,768	25	2,793	Total ...	7,515	...	7,515
Total ...	16,104	1,752	17,856	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ...	41,695	1,403	43,098
				2. Main Canals and Branches ..	25,857	2,970	28,827
Irrigation share of Land Revenue collected in the Civil Department	3,903	550	4,453	Total ...	67,552	4,373	71,925
				IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts	22,817	977	23,794
Total ...	3,903	550	4,453	3. Executive			
Total, Receipts ...	20,007	2,302	22,309	Total ...	22,817	977	23,794
				V.—TOOLS AND PLANT ...	1,434	233	1,667
				VI.—REFUNDS OF REVENUE ..	1	...	1
				Total ..	99,319	5,583	1,04,902
				Share of Collection Charges in the Civil Department	1,003	136	1,139
				Total Direct Charges ...	1,00,322	5,719	1,06,041
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,195	181	3,376
				Total, Charges ..	1,03,517	5,900	1,09,417
				Balance Net Revenue ...	—83,510	—3,598	—87,108
Grand Total ...	20,007	2,302	22,309	Grand Total ...	20,007	2,302	22,309

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1913—*vide* Government Resolution No. 2065, dated 18th October 1916. Completion Report approved in Government Resolution No. 10160, dated 7th October 1913.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SAHIET TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*63,329	Net Revenue realized to end of 1920-21.	-33,510
Interest charges for the yaar 1921-22 ...	5,269	Net Revenue realized during 1921-22 ...	-3,598
On Rs. 1,58,452 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			-37,108
Subsequent outlay *nil*		Balance net interest charges ...	1,55,706
Total ...	68,598	Total ...	68,598

*The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs	Rs.
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	3,195	137	3,332
3. Audit and Accounts Establishment	.....	44	44
Total ...	3,195	181	3,376

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

FUTELAO TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	543	...	543	1. Head Works ...	500	...	500
5. Plantations ...	26	...	26				
6. Other canal produce.	125	16	141	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	708	41	749	1. Head Works ...	5,538	660	6,198
				2. Main Canals and Branches ...	2,426	739	3,165
Total ...	1,402	57	1,459	Total ...	7,964	1,399	9,363
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,001	313	2,314
Total, Receipts ...	1,402	57	1,459	3. Executive ...			
				Total ...	2,001	313	2,314
				V.—TOOLS AND PLANT...	109	74	183
				Total ...	10,574	1,786	12,360
				Share of Collection Charges in the Civil Department ...	28	...	28
				Ttoal Direct charges.	10,602	1,786	12,388
				Indirect Charges debitable to Revenue Account as per Account No. 5	280	58	338
				Total, Charges ...	10,882	1,844	12,726
				Balance Net Revenue ...	—9,480	—1,787	—11,267
Grand Total ...	1,402	57	1,459	Grand Total ...	1,402	57	1,459

N.B.—Last Capital Account detailed in the Administrative Accounts for 1916-17. Construction Estimate closed on 30th November 1916.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

FUTELAG TANK.

TANK PROJECT.

No. 4—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	*21,800	Net Revenue realized to end of 1920-21	—9,480
Interest charges for the year 1921-22 ...	3,570	Net Revenue realized during 1921-1922. ...	—1,787
On Rs. 1,07,356 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—11,267
Subsequent outlay nil.		Balance net interest charges ...	36,637
Total ...	25,370	Total ...	25,370

*The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	280	44	324
3. Audit and Accounts Establishment	.....	14	14
Total ...	280	58	338

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total. Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.			
1. Water-rates from Irrigation ...	4,34,702	13,609	4,48,311
3. Sales of water ...	440	...	440
5. Plantations ...	25,811	...	27,321
6. Other Canal Produce		1,510	
9. Rents of Buildings.	48	...	48
10. Fines	503	...	503
11. Miscellaneous Receipts	6,505	5	6,510
12. Deduct Refunds ...	...	11	11
Total ...	4,68,009	15,113	4,83,122
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department.	2,24,747	11,382	2,36,129
Total ...	2,24,747	11,382	2,36,129
Total, Receipts ...	6,92,756	26,495	7,19,251
Grand Total ...	6,92,756	26,495	7,19,251

Charges.	Total. Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
I.—EXTENSIONS AND IMPROVEMENTS.			
1. Head Works ...	1,428	...	1,428
2. Main Canals and Branches	26,870	7,341	34,211
3. Distributaries ...	9,358	...	9,358
Total ...	37,656	7,341	44,997
II.—MAINTENANCE AND REPAIRS.			
1. Head Works ...	35,173	785	35,958
2. Main Canals and Branches	17,657	83	17,740
3. Distributaries ...	72,393	62	72,455
4. Drainage and Protective Works ...	2,728	...	2,728
Total ...	1,27,951	930	1,28,881
IV.—ESTABLISHMENT.			
1 & 2. Direction and Accounts	1,04,611	4,558	1,09,169
3. Executive			
Total ...	1,04,611	4,558	1,09,169
V.—TOOLS AND PLANT ...	2,885	323	3,208
Profit and Loss	19	...	19
VI.—REFUNDS OF REVENUE	3,896	...	3,896
Suspense Account ...	140	...	140
Total ...	2,77,158	13,152	2,90,310
Share of Collection Charges in the Civil Department	59,332	2,325	61,657
Total Direct Charges ...	3,36,490	15,477	3,51,967
Indirect Charges debitable to Revenue Account as per Account No. 5	15,162	721	15,883
Total Charges ...	3,51,652	16,198	3,67,850
Balance Net Revenue ...	3,41,104	10,297	3,51,401
Grand Total ...	6,92,756	26,495	7,19,251

N. B.—Last Capital Account detailed in the Administrative Accounts for 1898-99.
Construction Estimate closed on 31st March 1895—*vide* Government Resolution No. 148, dated 31st January 1896.
Completion Report approved in Government Resolution No. 1892, dated 3rd October 1896.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	8,42,501	Net revenue realized to end of 1920-1921	3,41,104
Interest charges for the year 1921-1922	14,810	Do. during 1921-1922 ...	10,297
On Rs. 4,43,382 outlay to end of 1916-17 at the average rate 3·3,252 per cent.		Balance net interest charges	3,51,401 5,05,910
Subsequent outlay Nil			
Total ...	8,57,311	Total ...	8,57,311

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	94	...	94
2. Leave and Pension Allowances	15,068	638	15,706
3. Audit and Accounts Establishment	...	83	83
Total ...	15,162	721	15,883

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

HARTA'LA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	18,369	4	18,373	1. Head Works ...	5,011	...	5,011
3. Sales of water ...	140	...	140	2. Main Canals and Branches ...	...	426	426
5. Plantations	19	...	18				
6. Other canal produce.	13,152	152	13,304	Total ...	5,011	426	5,437
10. Fines	260	...	260				
11. Miscellaneous Receipts.	18,834	521	19,355	II.—MAINTENANCE AND REPAIRS.			
Total ...	50,773	677	51,450	1. Head Works ...	6,849	41	6,890
				2. Main Canals and Branches ...	27	352	379
II.—INDIRECT RECEIPTS.				3. Distributaries ...	1,342	...	1,342
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	Total ...	8,218	393	8,611
Total, Receipts ...	50,773	677	51,450	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts... } 3. Executive ... ... }	9,023	305	9,328
				Total ...	9,023	305	9,328
				V.—TOOLS AND PLANT...	203	32	235
				VI—REFUNDS OF REVENUE ...	2,957	...	2,957
				Total ...	25,412	1,156	26,568
				Share of Collection Charges in the Civil Department ...	1,714	21	1,735
				Total Direct charges...	27,126	1,177	28,303
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,278	51	1,329
				Total, Charges ...	28,404	1,228	29,632
				Balance Net Revenue ...	22,369	—551	21,818
Grand Total ...	50,773	677	51,450	Grand Total ...	50,773	677	51,450

N. B.—Last Capital Account detailed in the Administrative Accounts for 1886-1887. Construction Estimate closed on 31st March 1887 — *Vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

HABTALA TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21 ...	*83,166	Net Revenue realized to end of 1920-21 .	22,369
Interest charges for the year 1921-22 ...	1,594	Net Revenue realized during 1921-1922 .	—551
On Rs. 47,948 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			21,818
		Balance net interest charges.... ...	68,942
Subsequent Outlay Nil			
Total ...	90,760	Total ...	90,760

*The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	...	...	...
2. Leave and Pension Allowances	1,278	43	1,321
3. Audit and Accounts Establishment	.....	8	8
Total ...	1,278	51	1,329

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MHASWA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	32,456	1,623	34,079				
3. Sales of water ...	14	...	14	1. Head Works ...	6,774	...	6,774
5. Plantations ...	10,986	104	11,342	2. Main Canals and Branches ...	2,609	991	3,600
6. Other canal produce.		252		3. Distributaries ...	586	...	586
9. Rents of buildings.	154	...	154				
10. Fines ...	5	...	5	Total ...	9,969	991	10,960
11. Miscellaneous receipts ...	14,779	1,156	15,935	II.—MAINTENANCE AND REPAIRS.			
Total ...	58,394	3,135	61,529	1. Head Works ...	4,324	23	4,347
				2. Main Canals and Branches ...	6,759	775	7,534
II.—INDIRECT RECEIPTS.				3. Distributaries ...	16,408	42	16,450
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	27,491	840	28,331
				IV.—ESTABLISHMENT.			
Total Receipts ...	58,394	3,135	61,529	1 & 2. Direction and Accounts ...	27,520	680	28,200
				3. Executive			
				Total ...	27,520	680	28,200
				V.—TOOLS AND PLANT...	1,260	71	1,331
				Profit and Loss ...	149	...	149
				VI.—REFUNDS OF REVENUE	212	...	212
				Total ...	66,601	2,582	69,183
				Share of Collection Charges in the Civil Department	1,651	81	1,732
				Total Direct Charges ...	68,252	2,663	70,915
				Indirect Charges debitable to Revenue Account as per Account No. 5	4,133	113	4,246
				Total, Charges ...	72,385	2,776	75,161
				Balance Net Revenue ...	—13,991	359	—13,632
Grand Total ...	58,394	3,135	61,529	Grand Total ...	58,394	3,135	61,529

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-94. Construction Estimate closed on 31st March 1897—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MHASWA TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-22.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921.	*2,15,626	Net Revenue realized to end of 1920-1921.	—13,991
Interest charges for the year 1921-1922 On Rs. 1,28,781 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	4,282	Net Revenue realized during 1921-1922. ...	359
			—13,632
Subsequent outlay *nil*		Balance net interest charges	2,33,540
Total ...	2,19,908	Total ...	2,19,908

*The amount was not adjusted under "interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	120	.....	120
2. Leave and Pension Allowances	4,013	95	4,108
3. Audit and Accounts Establishment	...	18	18
Total ...	4,133	113	4,246

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

JAMDA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL. Previous.	1921-1922.	Total.	Charges.	TOTAL. Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,06,403	14,830	3,21,233	1. Head Works ...	8,605	...	8,605
3. Sales of water ...	212	...	212	2. Main Canals and Branches ...	25,324	2,251	27,575
5. Plantations	61,283	2,057	63,987	3. Distributaries ...	1,464	...	1,464
6. Other canal produce.		647					
9. Rents of buildings ...	2,106	...	2,106				
10. Fines	153	...	153	Total ...	35,393	2,251	37,644
11. Miscellaneous receipts	2,789	...	2,789	II.—MAINTENANCE AND REPAIRS.			
12. *Deduct*—Refunds ...	...	134	134	1. Head Works ...	19,861	232	20,093
				2. Main Canals and Branches ...	2,46,027	6,400	2,52,427
Total ...	3,72,946	17,400	3,90,346	3. Distributaries ...	16,252	148	16,400
II.—INDIRECT RECEIPTS.							
				Total ...	2,82,140	6,780	2,88,920
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts ...	2,34,447	3,359	2,37,806
Total Receipts ...	3,72,946	17,400	3,90,346	3. Executive			
				Total ...	2,34,447	3,359	2,37,806
				V.—TOOLS AND PLANT ...	6,393	353	6,746
				Profit and Loss ...	84	...	84
				VI.—REFUNDS OF REVENUE	1,102	...	1,102
				Total ...	5,59,559	12,743	5,72,302
				Share of Collection Charges in the Civil Department	15,256	738	15,994
				Total Direct Charges ...	5,74,815	13,481	5,88,296
				Indirect Charges debitable to Revenue Account as per Account No. 5	36,275	560	36,835
				Total, Charges ...	6,11,090	14,041	6,25,131
				Balance Net Revenue ...	-2,38,144	3,359	-2,34,785
Grand Total ...	3,72,946	17,400	3,90,346	Grand Total ...	3,72,946	17,400	3,90,346

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15. Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 5163, dated 1st May 1915. Completion Report approved in Government Resolution No. 5163, dated 1st May 1915.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

JAMDA CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21 ...	*20,25,069	Net Revenue realized to end of 1920-21.	– 2,33,144
Interest charges for the year 1921-22 ...	32,959	Net Revenue realized during 1921-22 ...	3,359
On Rs. 9,91,178 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			– 2,34,785
Subsequent outlay *Nil*.		Balance net interest charges ...	22,92,813
Total ...	20,58,028	Total ...	20,58,028

*The amount was not adjusted under "Interest" in privious years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-22.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	446	...	446
2. Leave and Pension Allowances	35,829	470	36,299
3. Audit and Accounts Establishments	.....	90	90
Total ...	36,275	560	36,835

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

BHATODI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	4,216	...	4,216
				2. Main Canals and Branches ...	8,094	1,230	9,324
1. Water-rates from Irrigation ...	1,57,004	2,537	1,59,541	Total ...	12,310	1,230	13,540
3. Sales of water ...	4	12	16				
5. Plantations ...	12,244	138	12,382	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...				1. Head Works ...	20,374	...	20,374
				2. Main Canals and Branches ...	78,411	2,326	80,737
9. Rents of buildings ...	197	...	197	3. Distributaries ...	5,456	...	5,456
10. Fines ...	315	...	315	Total ...	1,04,241	2,326	1,06,567
11. Miscellaneous Receipts ...	27,393	2,219	29,312	III.—COMPENSATION ...	9	...	9
Total ...	1,97,357	4,906	2,02,263	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1. & 2. Direction and Accounts ...	83,901	1,653	85,554
				3. Executive ...			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	83,901	1,653	85,554
				V.—TOOLS AND PLANT ...	2,066	139	2,205
Revenue on lands irrigated by percolation as per Government Resolution No. 1757, dated 16th October 1891.	48,955	1,264	50,219	VI.—REFUNDS OF REVENUE.	1,265	...	1,265
				Total ...	2,03,792	5,348	2,09,140
Increased Land Revenue as per Government Resolution No. 203, dated 30th March 1878...	6,572	146	6,718	Share of Collection Charges in the Civil Department...	13,230	253	13,483
				Total Direct Charges ...	2,17,022	5,601	2,22,623
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	12,171	267	12,438
Total ...	55,527	1,410	56,937				
				Total, Charges ...	2,29,193	5,868	2,35,061
Total, Receipts ...	2,52,884	6,316	2,59,200	Balance Net Revenue ...	23,691	448	24,139
Grand Total ...	2,52,884	6,316	2,59,200	Grand Total ...	2,52,884	6,316	2,59,200

N.B.—Last Capital Account detailed in the Administrative Accounts for 1891-92. Construction Estimate closed on 31st March 1892—*Vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1797, dated 10th November 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

BHATODI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921.	*6,78,405	Net Revenue realized to end of 1920-1921	23,691
Interest charges for the year 1921-1922 ...	11,727	Net Revenue realized during 1921-1922 ...	448
On Rs. 3,52,685 outlay to end of the year 1916-1917 at the average rate 3·3252 per cent.			24,139
Subsequent outlay *Nil.*		Balance net interest charges	6,65,993
Total ...	6,90,132	Total ...	6,90,132

*The amount was not adjusted under "interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	102	...	102
2. Leave and Pension Allowances	12,069	231	12,300
3. Audit and Accounts Establishment	...	36	36
Total ...	12,171	267	12,438

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

EKRUK TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	7,10,902	58,888	7,69,790	1. Head Works	6,977	478	7,455
3. Sales of water ...	6,18,211	1,00,493	7,18,704	2. Main Canals and Branches	48,887	1,210	50,097
4. Water-supply of towns... ...	2,66,390	...	2,66,390	3. Distributaries	1,075	...	1,075
5. Plantations ...	1,91,566	924	2,02,212	Total ...	56,939	1,688	58,627
6. Other Canal produce ...		9,782					
9. Rents of Buildings	367	...	367	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	29,982	1,065	31,047	1. Head Works	97,918	2,058	99,976
				2. Main Canals and Branches	2,72,963	5,008	2,77,971
				3 Distributaries	6,675	932	7,607
Total ...	18,17,358	1,71,152	19,88,510	Total ...	3,77,556	7,998	3,85,554
				III.—COMPENSATION ...	69	...	69
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts 3. Executive ...	2,67,350	3,642	2,70,992
				Total ...	2,67,350	3,642	2,70,992
				V.—TOOLS AND PLANT ...	8,240	378	8,618
				VI.—REFUNDS OF REVENUE.	1,157	...	1,157
				Suspense Account ...	—71	...	—71
				Total ...	7,11,240	13,706	7,24,946
				Share of Collection Charges in the Civil Department...	52,520	6,476	58,996
				Total Direct Charges ...	7,63,760	20,182	7,83,942
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	41,405	607	42,012
				Total Charges ...	8,05,165	20,789	8,25,954
				Balance Net Revenue ...	10,12,193	1,50,363	11,62,556
Grand Total ...	18,17,358	1,71,152	19,88,510	Grand Total ...	18,17,358	1,71,152	19,88,510

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-1896.
Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 8th July 1891.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

EKRUK TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-1921	23,93,712	Net revenue realized to end of 1920-1921	10,12,193
		Do. during 1921-1922.	1,50,363
Interest charges for the year 1921-1922.	40,837		11,62,556
On Rs. 12,26,117 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.		Balance net Interest charges ...	12,71,993
Subsequent outlay *nil*.			
Total ...	24,34,549	Total ...	24,34,549

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances...	41,405	510	41,915
3. Audit and Accounts Establishment	.....	97	97
Total ...	41,405	607	42,012

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KOREGAON TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	11,478	...	11,478
1. Water-rates from Irrigation ...	39,924	34	39,958	2. Main Canals and Branches	345	...	345
5. Plantations ...		...		3. Distributaries ...	7	...	7
6. Other canal produce	2,654	45	2,699	Total ...	11,830	...	11,830
9. Rents of buildings.	1	...	1	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	410	70	480	1. Head Works ...	9,242	494	9,736
Total ...	42,989	149	43,138	2. Main Canals and Branches ...	981	...	981
				3. Distributaries ...	9,050	308	9,358
II.—INDIRECT RECEIPTS.				Total ...	19,273	802	20,075
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	3,089*	...	3,089	1 & 2. Direction and Accounts	19,279	302	19,581
				3. Executive			
				Total ...	19,279	302	19,581
				V.—TOOLS AND PLANT ...	790	31	821
Total ...	3,089	...	3,089	VI.—REFUNDS OF REVENUE ...	18	...	18
Total Receipts ...	46,078	149	46,227	Total ...	51,190	1,135	52,325
				Share of Collection Charges in the Civil Department	2,346	2	2,348
				Total Direct Charges...	53,536	1,137	54,673
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,701	50	2,751
				Total Charges ...	56,237	1,187	57,424
				Balance Net Revenue ...	—10,159	—1,038	—11,197
Grand Total ...	46,078	149	46,227	Grand Total ...	46,078	149	46,227

* This amount is to end of January 1879, after which the revenue is credited as direct water-rates.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 654, dated 11th April 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KOREGAON TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	67,085*	Net revenue realized to end of 1920-1921	-10,159
Interest charges for the year 1921-1922 ...	1,261	Do. during 1921-1922 ...	-1,038
On Rs. 37,923 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			-11,197
Subsequent outlay *nil.*		Balance net interest charges	79,543
Total ...	68,346	Total ...	68,346

*The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	2,701	42	2,743
3. Audit and Accounts Establishment	.....	8	8
Total ...	2,701	50	2,751

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

ASHTI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	40,034	...	40,034
1. Water-rates from Irrigation ...	3,30,762	28,112 (a)234	3,59,108	2. Main Canals and Branches ...	5,229	...	5,229
3. Sales of water ...	319	...	319	3. Distributaries ...	2,234	...	2,234
5. Plantations ...	60,495	3	61,674	Total ...	47,497	...	47,497
6. Other canal produce ...		1,176		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	703	4	707	1. Head Works ...	42,351	4,512	46,863
10. Fines	25	...	25	2. Main Canals and Branches ...	67,284	1,383	68,667
11. Miscellaneous Receipts	10,869	9,051	19,920	3. Distributaries ...	6,434	741	7,175
				Total ...	1,16,069	6,636	1,22,705
Total ...	4,03,173	38,580	4,41,753	III.—COMPENSATION ...	15	...	15
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS				1 & 2. Direction and Accounts ... 3. Executive	87,921	2,495	90,416
				Total ...	87,921	2,495	90,416
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	V.—TOOLS AND PLANT ...	3,306	259	3,565
				VI.—REFUNDS OF REVENUE	1,029	...	1,029
				Total ...	2,55,837	9,390	2,65,227
Total Receipts ...	4,03,173	38,580	4,41,753	Share of Collection Charges in the Civil Department	17,573	(a) 1,406 234	19,213
				Total Direct Charges...	2,73,410	11,030	2,84,440
				Indirect Charges debitable to Revenue Account as per Account No. 5	12,478	415	12,893
				Total, Charges ...	2,85,888	11,445	2,97,333
				Balance Net Revenue ...	1,17,285	27,135	1,44,420
Grand Total ...	4,03,173	38,580	4,41,753	Grand Total ...	4,03,173	38,580	4,41,753

(a) Amount adjusted by credits to water-rates and debits *per contra* on account of collection charges for the revenue realized by the Miraj State.

N. B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1893 —*vide* Government Resolution No. 1411, dated 13th September 1893. Completion Report approved in Government Resolution No. 490, dated 15th March 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY,

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

ASHTI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-22.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	11,69,831*	Net Revenue realized to end of 1920-1921	1,17,285
Interest charges for the year 1921-1922	25,174	Net Revenue realized during 1921-1922	27,135
			1,44,420
		Balance net interest charges ...	10,50,585
Total ...	11,95,005	Total ...	11,95,005

* The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	107	.....	107
2. Leave and Pension Allowances	12,371	349	12,720
3. Audit and Accounts Establishment	.....	66	66
Total ...	12,478	415	12,893

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PA'THRI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL. Previous.	1921-1922.	Total.	Charges.	TOTAL. Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	71,646	1,408	73,054	1. Head Works ...	788	3,623	4,411
				2. Main Canals and Branches ...	463	...	463
3. Sales of water ...	5,991	3,733	9,724	Total ...	1,251	3,623	4,874
				II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	2,325	7	2,684	1. Head Works ...	7,173	820	7,993
6. Other canal produce		352		2. Main Canals and Branches ...	7,420	438	7,856
				3. Distributaries ...	1,557	156	1,713
				Total ...	16,150	1,412	17,562
9. Rents of Buildings	1	...	1	IV.—ESTABLISHMENT.			
11. Miscellaneous Receipts ...	637	351	988	1 & 2. Direction and Accounts ... 3. Executive ...	8,368	1,893	10,261
				Total ...	8,368	1,893	10,261
Total ...	80,600	5,851	86,451	V.—TOOLS AND PLANT ...	1,037	197	1,234
				VI.—REFUNDS OF REVENUE	4	...	4
II.—INDIRECT RECEIPTS.				Suspense Account ..	—46	...	—46
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	26,764	7,125	33,889
				Share of Collection Charges in the Civil Department	3,858	257	4,115
				Total, Direct Charges...	30,622	7,382	38,004
Total, Receipts ...	80,600	5,851	86,451	Indirect Charges debitable to Revenue Account as per Account No. 5	1,172	315	1,487
				Total, Charges ...	31,794	7,697	39,491
				Balance Net Revenue ...	48,806	—1,846	46,960
Grand Total ...	80,600	5,851	86,451	Grand Total ...	80,600	5,851	86,451

N. B.—Last Capital Account detailed in the Administrative Accounts for 1915-16.
Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 1654, dated 6th July 1902.
Completion Report approved in Government Resolution No. 2462, dated 22nd November 1910.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PA'THRI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-1921	3,88,138*	Net Revenue realized to end of 1920-1921	48,806
Interest charges for the year 1921-1922.	20,876	Net Revenue realized during 1921-1922 .	—1,846
On Rs. 6,27,825 outlay to end of the year 1916-17 at the average rate 3·3,252 per cent.			46,960
Subsequent outlay *nil.*		Balance net interest charges ...	3,62,049
Total ..	4,09,009	Total. ...	4,09,009

* The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,172	265	1,437
3. Audit and Accounts Establishment	.....	50	50
Total ...	1,172	315	1,487

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KRISHNA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated (Construction estimate closed on 31st March 1922).	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	633	...	633	633	633
C. Works	2,04,990	...	2,04,990	2,07,072	1,45,889
K. Buildings	1,430	...	1,430	1,430	1,430
Total, Head Works ...	2,07,053	...	2,07,053	2,09,135	1,47,952
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,649	...	1,649	1,649	1,649
B. Land	16,740	...	16,740	16,740	16,740
F. River and Hill Torrent Works ...	1,95,671	...	1,95,671	1,95,671	1,95,671
G. Bridges	32,208	...	32,208	32,208	32,208
K. Buildings	12,100	...	12,100	12,100	12,100
L. Earth-work	2,32,717	...	2,32,717	2,32,717	2,32,717
M. Plantations	882	...	882	882	882
O. Miscellaneous	513	...	513	513	513
P. Maintenance	3,423	...	3,423	3,423	3,423
Total, Main Canals and Branches ...	4,95,903	...	4,95,903	4,95,903	4,95,903
(3)—*Distributaries.*					
B. Land	562	...	562	562	562
C. Works	16,279	...	16,279	16,279	16,279
L. Earth-work	12,442	...	12,442	12,442	12,442
M. Plantations	2,897	...	2,897	2,897	2,897
Total, Distributaries ...	32,180	...	32,180	32,180	32,180
Total, I.—Works ...	7,35,136	...	7,35,136	7,37,218	6,76,035
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	36,686	...	36,686	1,55,459	33,980
3. Executive	1,18,587	...	1,18,587		1,08,540
Total, Establishment ...	1,55,273	...	1,55,273	1,55,459	1,42,520
III.—TOOLS AND PLANT	2,568	...	2,568	2,585	1,682
Grand Total ...	8,92,977	...	8,92,977	8,95,262	8,20,237
V.—*Less*—Receipts on Capital Account.	.....	...	.....	.....	.....
Net Outlay ...	8,92,977	...	8,92,977	8,95,262	8,20,237
Apportionment.					
Chargeable to 49.—Irrigation ...	8,18,545	...	8,18,545	8,20,830	7,45,805
Chargeable to 43.—Minor Works and Navigation	74,432	...	74,432	74,432	74,432
Total ...	8,92,977	...	8,92,977	8,95,262	8,20,237

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	18,20,974	53,606 (a) 1,609	18,76,189	1. Head Works	1,877	1,485	3,362
3. Sales of water...	66	...	66	2. Main Canals and Branches	5,627	3,542	9,169
4. Water-supply of towns ...	6,232	...	6,232	3. Distributaries... ...	565	...	565
5. Plantations ...		...					
6. Other Canal produce ...	86,548	823	87,371				
9. Rents of Buildings	2,773	...	2,773	Total ...	8,069	5,027	13,096
11. Miscellaneous Receipts ...	412	13	425	II.—MAINTENANCE AND REPAIRS.			
12. Deduct Refunds.	...	263	263				
				1. Head Works	15,531	36	15,567
Total ...	19,17,005	55,788	19,72,793	2. Main Canals and Branches	3,43,405	9,013	3,52,418
				3. Distributaries... ...	25,012	—332	24,680
				4. Drainage and Protective Works ...	395	...	395
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	3,84,343	8,717	3,93,060
				III.—COMPENSATION ...	21,031	404	21,435
Total, Receipts ...	19,17,005	55,788	19,72,793				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... 3. Executive	2,44,279	6,042	2,50,321
				Total ...	2,44,279	6,042	2,50,321
				V.—TOOLS AND PLANT ...	6,021	537	6,558
Carried over ...	19,17,005	55,788	19,72,793	Carried over ...	6,63,743	20,727	6,84,470

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922—continued.

Receipts.	Total. Previous.	1921-1922.	Total.	Charges.	Total. Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	19,17,005	55,788	19,72,793	Brought forward ..	6,68,748	20,727	6,84,470
(a) Amount adjusted by credit to water-rates and debit *per contra* on account of the following charges recovered by the Native States from water-rate collection :—				VI.—REFUNDS OF REVENUE.	1,632	...	1,632
Loss of assessment on account of land taken up for the Canals, debited to III—Compensation— Rs.				Total ...	6,65,375	20,727	6,86,102
Sangli State ... 253 Pant Pratinidhi 152				Share of Collection Charges in the Civil Department .	1,14,186	1,980 (a) 1,205	1,17,371
404				Total Direct charges ...	7,79,561	23,912	8,03,473
Collection charges—				Indirect charges debitable to Revenue Account as per Account No. 5 ...	40,049	983	41,032
Pant Pratinidhi— Rs. For recovery of water-rates . 284 Sangli State— For recovery of water-rates . 921							
1,205				Total, Charges ...	8,19,610	24,895	8,44,505
Total ... 1,609				Balance Net Revenue ...	10,97,395	30,893	11,28,288
Grand Total ...	19,17,005	55,788	19,72,793	Grand Total ...	19,17,005	55,788	19,72,793

N.B.—Construction Estimate closed on 31st March 1892, *vide* Government Resolution, No. 777, dated 14th May 1892. Completion Report approved in Government Resolution No. 119, dated 22nd January 1894.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	16,80,749	Net revenue realized to end of 1920-1921	10,97,395
Interest charges for the year 1921-1922 .	29,694	Do. during 1921-1922.	30,893
Rs.			
On Rs. 8,92,960 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. 29,693			
On subsequent outlay Rs. 17 at the average rate 6·1038 per cent. 1		Balance net interest charges	11,28,288 5,82,155
Total ...	17,10,443	Total ...	17,10,443

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	21,822	.....	21,822
2. Leave and Pension Allowances	29,660	.....	29,660
3. Audit and Accounts Establishment	.....	.....	.....
Total ...	51,482	.....	51,482

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KRISHNA CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922—continued.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	64	.....	64
2. Leave and Pension Allowances	39,985	846	40,831
3. Audit and Accounts Establishment	.....	137	137
Total ...	40,049	983	41,032

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	6,60,941	15,094	6,76,035	59,101	61,183	2,082	7,35,136	Estimate sanctioned in Government of India, Public Works Department, No. 333-I., dated 30th March 1916, communicated in Government Order No. W.I.4725 (Public Works Department), dated 4th May 1916.
Establishment ...	1,39,464	3,056	1,42,520	12,753	12,939	186	1,55,273	
Tools and Plant ...	1,682	...	1,682	886	903	17	2,568	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	17,222	4,600	21,822	...	...	...	21,822	
Leave and Pension Allowances ...	27,446	428	27,874	1,786	1,811	25	29,680	
Total ...	44,668	5,028	49,696	1,786	1,811	25	51,482	
Grand Total ...	8,46,755	23,178	8,69,933	74,526	76,836	2,310	9,44,459	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

UPPER MAN RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL. Previous.	1921-1922.	Total.	Charges.	TOTAL. Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,58,745	1,717	1,60,462	1. Head Works ...	22,616	907	23,523
3. Sales of water ...	6	...	6	2. Main Canals and Branches ...	1,043	3,099	4,142
5. Plantations ...	8,565	...	8,603	3. Distributaries ...	170	...	170
6. Other canal produce.		38		Total ...	23,829	4,006	27,835
9. Rents of Buildings...	1,002	...	1,002	II.—MAINTENANCE AND REPAIRS.			
10. Fines	3	...	3	1. Head Works ...	17,124	154	17,278
11. Miscellaneous Receipts ...	440	...	440	2. Main Canals and Branches ...	8,476	1,316	9,792
				3. Distributaries ...	73,124	581	73,705
Total ...	1,68,761	1,755	1,70,516	Total ...	98,724	2,051	1,00,775
II.—INDIRECT RECEIPTS.				III.—COMPENSATION ...	1	...	1
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1. & 2. Direction and Accounts ...	58,331	2,663	60,994
				3. Executive ...			
				Total ...	58,331	2,663	60,994
Total, Receipts ...	1,68,761	1,755	1,70,516	V.—TOOLS AND PLANT ...	3,599	237	3,836
				VI.—REFUNDS OF REVENUE	167	...	167
				Total ...	1,84,651	8,957	1,93,608
				Share of Collection Charges in the Civil Department	7,932	86	8,018
				Total, Direct Charges...	1,92,583	9,043	2,01,626
				Indirect Charges debitable to Revenue Account as per Account No. 5	8,704	434	9,138
				Total Charges ...	2,01,287	9,477	2,10,764
				Balance Net Revenue ...	—32,526	—7,722	—40,248
Grand Total ...	1,68,761	1,755	1,70,516	Grand Total ...	1,68,761	1,755	1,70,516

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07.

Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1892.

Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

UPPER MAN RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs		Rs.
Total interest charges to end of 1920-1921	6,76,677*	Net Revenue realized to end of 1920-1921	—32,526
Interest charges for the year 1921-1922.	13,827	Net Revenue realized during 1921-1922	—7,722
On Rs. 4,15,885 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—40,248
Subsequent outlay *Nil*.		Balance net interest charges ..	7,80,752
Total ...	6,90,504	Total ...	6,90,504

* The amount was not adjusted under "Interest" in previous years

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	24	.....	24
2. Leave and Pension Allowances	8,680	373	9,053
3. Audit and Accounts Establishment	.....	61	61
Total ...	8,704	434	9,138

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

YERLA RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL. Previous.	1921-1922.	Total.	Charges.	TOTAL. Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,62,550	15,728	4,78,278	1. Head Works ...	47,369	2,449	49,818
3. Sales of water ...	23	...	23	2. Main Canals and Branches	8,509	7,459	15,968
5. Plantations ...	29,512	...	30,912	Total ...	55,878	9,908	65,786
6. Other canal produce		1,400		II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	934	...	934	1. Head Works ...	41,154	549	41,703
10. Fines	120	...	120	2. Main Canals and Branches	1,27,351	5,832	1,33,183
11. Miscellaneous receipts	1,883	...	1,883	3. Distributaries ...	26,904	390	27,294
12. Deduct refunds ...	...	80	80	Total ...	1,95,409	6,771	2,02,180
Total ...	4,95,022	17,048	5,12,070	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1. & 2. Direction and Accounts ...	1,15,054	7,332	1,22,386
				3. Executive ...			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	1,15,054	7,332	1,22,386
				V.—TOOLS AND PLANT ...	4,843	652	5,495
Total, Receipts ...	4,95,022	17,048	5,12,070	VI.—REFUNDS OF REVENUE	71	...	71
				Total ...	3,71,255	24,663	3,95,918
				Share of Collection Charges in the Civil Department	23,124	782	23,906
				Total Direct Charges ...	3,94,379	25,445	4,19,824
				Indirect Charges debitable to Revenue Account as per Account No. 5	17,312	1,193	18,505
				Total, Charges ...	4,11,691	26,638	4,38,329
				Balance Net Revenue ...	83,331	—9,590	73,741
Grand Total ...	4,95,022	17,048	5,12,070	Grand Total ...	4,95,022	17,048	5,12,070

N.B.—Last Capital Account detailed in the Administrative Accounts for 1907-08.
Construction Estimate, closed on 31st March 1896—*vide* Government Resolution No. 636, dated 12th May 1896.
Completion Report approved in Government Resolution No. 1419, dated 8th October 1897.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-22.

YERLA RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	*11,05,771	Net Revenue realized to end of 1920-1921	83,331
Interest charges for the year 1921-1922.	23,926	Net Revenue realized during 1921-1922.	9,590
On Rs. 7,19,542 outlay to end of 1916-17 at the average rate 3·3252 per cent.			73,741
		Balance net interest charges ..	10,55,956
Subsequent outlay *Nil.*			
Total ...	11,29,697	Total ..	11,29,697

* The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	17,312	1,026	18,338
3. Audit and Accounts Establishment	.....	167	167
Total ...	17,312	1,193	18,505

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

CHIKHLI CANAL.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL. Previous.	1921-1922.	Total.	Charges.	TOTAL. Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	67,785	2,135	69,920	1. Head Works ...	968	548	1,516
3. Sales of water ...	1	...	1	2. Main Canals and Branches ...	783	690	1,473
5. Plantations ...	5,704	...	5,936				
6. Other canal produce		232		Total ...	1,751	1,238	2,989
9. Rents of buildings.	50	...	50	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	80	...	80	1. Head Works ...	1,166	...	1,166
				2. Main Canals and Branches ...	33,421	1,108	34,529
Total ...	73,620	2,367	75,987				
				Total ...	34,587	1,108	35,695
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts ...	21,917	1,031	22,948
				3. Executive ...			
Total, Receipts ...	73,620	2,367	75,987	Total ...	21,917	1,031	22,948
				V.—TOOLS AND PLANT ...	544	92	636
				VI.—REFUNDS OF REVENUE	158	...	158
				Total ...	58,957	3,469	62,426
				Share of Collection Charges in the Civil Department	3,394	107	3,501
				Total Direct Charges ...	62,351	3,576	65,927
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,613	167	3,780
				Total, Charges ...	65,964	3,743	69,707
				Balance Net Revenue ...	7,656	−1,376	6,280
Grand Total ...	73,620	2,367	75,987	Grand Total ...	73,620	2,367	75,987

N.B.—Last Capital Account detailed in the Administrative Accounts for 1882-83.

Construction Estimate closed on 31st March 1883—*vide* Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

CHIKLI CANAL.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	*1,06,912	Net Revenue realized to end of 1920-1921	7,656
Interest charges for the year 1921-1922.	1,789	Net Revenue realized during 1921-1922	—1,376
On Rs. 53,803 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			6,280
Subsequent outlay *Nil.*		Balance net interest charges ..	1,02,421
Total ...	1,08,701	Total ...	1,08,701

* The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	3,613	144	3,757
3. Audit and Accounts Establishment ...	.....	23	23
Total ...	3,613	167	3,780

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MAINI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,50,114	10,090	2,60,204	1. Head Works ...	16,811	1,419	18,230
5. Plantations ...	9,437	...	10,055	2. Main Canal and Branches ...	2,703	1,758	4,461
6. Other canal produce		618		3. Distributaries ...	123	...	123
9. Rents of Buildings	319	3	322	Total ...	19,637	3,177	22,814
10. Fines	54	...	54	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	258	8	266	1. Head Works ...	15,117	955	16,072
12. Deduct Refunds...	...	13	13	2. Main Canals and Branches ...	3,950	1,247	5,197
				3. Distributaries ...	68,832	940	69,772
Total ...	2,60,182	10,706	2,70,888	Total ...	87,899	3,142	91,041
II.—INDIRECT RECEIPTS				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ... 3. Executive ...	53,666	2,778	56,444
				Total ...	53,666	2,778	56,444
				V.—TOOLS AND PLANT...	2,776	247	3,025
Total Receipts ...	2,60,182	10,706	2,70,888	VI.—REFUNDS OF REVENUE	104	...	104
				Total ...	1,64,084	9,344	1,73,428
				Share of Collection Charges in the Civil Department	12,511	504	13,015
				Total, Direct Charges...	1,76,595	9,848	1,86,443
				Indirect Charges debitable to Revenue Account as per Account No. 5	8,175	452	8,627
				Total Charges ...	1,84,770	10,300	1,95,070
				Balance Net Revenue ...	75,412	406	75,818
Grand Total ...	2,60,182	10,706	2,70,888	Grand Total ...	2,60,182	10,706	2,70,888

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1892 —*vide* Government Resolution No. 1611, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MAINI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	7,26,021*	Net Revenue realized to end of 1920-1921	75,412
Interest charges for the year 1921-1921.	15,367	Net Revenue realized during 1921-1922 .	406
On Rs. 4,62,125 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			75,818
Subsequent outlay *nil.*		Balance net interest charges ..	6,65,570
Total ...	7,41,388	Total ...	7,41,388

* The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue ...	288	.....	288
2. Leave and Pension Allowances ...	7,887	389	8,276
3. Audit and Accounts Establishment ...	.....	63	63
Total ...	8,175	452	8,627

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MUCHKUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total. Previous.	1921-1922.	Total.	Charges.	Total. Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,855	...	1,855	1. Head Works ...	410	...	410
3. Sales of Water ...	330	...	330	2. Main Canals and Branches ...	511	...	511
5. Plantations ...	16,466	...	16,467	Total ...	921	...	921
6. Other canal produce ...		1		II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	1	...	1	1. Head Works ...	5,084	...	5,084
11. Miscellaneous Receipts ...	1,771	2,492	4,263	2. Main Canals and Branches ...	6,590	1,055	7,645
				Total ...	11,674	1,055	12,729
Total ...	20,423	2,493	22,916	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	5,057	704	5,761
II.—INDIRECT RECEIPTS.				3. Executive ...			
				Total ...	5,057	704	5,761
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	V.—TOOLS AND PLANT...	247	76	323
				Total ...	17,899	1,835	19,734
Total Receipts ...	20,423	2,493	22,916	Share of Collection Charges in the Civil Department ...	114	...	114
				Total Direct Charges...	18,013	1,835	19,848
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	705	110	815
				Total, Charges ...	18,718	1,945	20,663
				Balance Net Revenue ...	1,705	548	2,253
Grand Total ..	20,423	2,493	22,916	Grand Total ...	20,423	2,493	22,916

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891. Construction Estimate closed on 31st March 1891—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 662, dated 12th April 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MUCHKUNDI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	2,04,389*	Net Revenue realized to end of 1920-1921	1,705
Interest charges for the year 1921-1922	4,663	Net Revenue realized during 1921-1922	548
On Rs. 1,40,217 outlay to end of the year 1916-17 at the average rate 3·3232 per cent.			2,253
Subsequent outlay *nil.*		Balance net interest charges ...	2,06,749
Total ...	2,09,002	Total ...	2,09,002

* The amount was not adjusted under "Interest" in previous year.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	705	99	804
3. Audit and Accounts Establishment	.....	11	11
Total ...	705	110	815

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total. Previous.	1921-1922.	Total.	Charges.	Total. Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	8,66,867	48,572	9,15,439	1. Head Works ...	7,594	18,299	25,893
3. Sales of water ...	8,101	341.	8,442	2. Main Canals and Branches ...	1,134	...	1,134
5. Plantations ...	32,383	...	35,436	Total ...	8,728	18,299	27,027
6. Other canal produce.		3,053					
7. Water-power ...	4,09,220	14,313	4,23,533	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	920	14	934				
10. Fines	44	...	44	1. Head Works ...	73,815	4,513	78,328
11. Miscellaneous Receipts	26,457	2,377	28,834	2. Main Canals and Branches ...	39,194	981	40,175
12. *Deduct* Refunds ...	...	8	8	3. Distributaries ...	26,528	674	27,202
				4. Drainage and Protective Works ...	30	...	30
Total ...	13,43,992	68,662	14,12,654	Total ...	1,39,567	6,168	1,45,735
II.—INDIRECT RECEIPTS.							
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	1,16,201	20,388	1,36,589
				3. Executive			
Total, Receipts ...	13,43,992	68,662	14,12,654	Total ...	1,16,201	20,388	1,36,589
				V.—TOOLS AND PLANT...	10,271	1,765	12,036
				VI.—REFUNDS OF REVENUE... ...	3,436	...	3,436
				Total ...	2,78,203	46,620	3,24,823
				Share of Collection Charges in the Civil Department	48,236	2,474	50,710
				Total, Direct Charges...	3,26,439	49,094	3,75,533
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	16,268	3,099	19,367
				Total, Charges ...	3,42,707	52,193	3,94,900
				Balance Net Revenue ..	10,01,285	16,469	10,17,754
Grand Total ...	13,43,992	68,662	14,12,654	Grand Total ...	13,43,992	68,662	14,12,654

N. B.—Last Capital Account detailed in the Administrative Accounts for 1906-07 and No. 6 in 1909-1910. Construction Estimate closed on 31st March 1897—*vide* Government Resolution No. 1393, dated 2nd October 1897. Completion Report approved in Government Resolution No. 827, dated 10th February 1900.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	(a)5,90,767 (b)9,70,477	Net Revenue realized to end of 1920-1921	10,01,285
Interest charges for the year 1921-1922 ...	43,286	Do. during 1921-1922 ...	16,469
On Rs. 13,01,750 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			10,17,754
Subsequent Outlay *nil*.		Balance net interest charges ...	5,86,776
Total ...	16,04,530	Total ...	16,04,530

(*a*) Interest on outlay charged to 35—Protective Works as per Government of India's No. 4-A.I. of 19th January 1891.

(*b*) Represents interest on Minor Works which was not adjusted under 'Interest' in the accounts in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	16,268	2,854	19,122
3. Audit and Accounts Establishment	.....	245	245
Total ...	16,268	3,099	19,367

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DAMBAL TANK.

TANK PROJECT.

No. 8.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Actual.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	634	...	634
1. Water-rates from Irrigation ...	20,914	1,710	22,624				
5. Plantations ...		...		II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce	14,116	247	14,363	1. Head Works ...	14,898	...	14,898
11. Miscellaneous receipts	384	6	390	2. Main Canals and Branches ...	2,149	1,733	3,882
				3. Distributaries ..	670	...	670
Total ...	35,414	1,963	37,377	Total ...	17,717	1,733	19,450
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	16,798	1,790	18,588
Irrigation share of Land Revenue collected in the Civil Department.	34,930	916	35,846	3. Executive			
				Total ...	16,798	1,790	18,588
				V.—TOOLS AND PLANT ...	141	125	266
Total, Receipts ...	70,344	2,879	73,223	VI.—REFUNDS OF REVENUE ...	126	...	126
				Total ...	35,416	3,648	39,064
				Share of Collection Charges in the Civil Department	4,720	177	4,897
				Total Direct Charges ..	40,136	3,825	43,961
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,483	268	2,751
				Total, Charges ...	42,619	4,093	46,712
				Balance Net Revenue...	27,725	—1,214	26,511
Grand Total ...	70,344	2,879	73,223	Grand Total ...	70,344	2,879	73,223

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 1411, dated 12th September 1895, Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNT FOR THE YEAR 1921-1922.

DAMBAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	*1,00,174	Net Revenue realized to end of 1920-1921	27,725
Interest charges for the year 1921-1922.	2,023	Net Revenue realized during 1921-1922.	—1,214
On Rs. 60,847 outlay to end of the year 1916-17 at the average rate 3·8252 per cent.			26,511
Subsequent outlay *nil.*		Balance net interest charges ...	75,686
Total ...	1,02,197	Total ...	1,02,197

* The amount was not adjusted under Interest in previous year.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	124	.....	124
2. Leave and Pension Allowances	2,359	251	2,610
3. Audit and Accounts Establishment	.....	17	17
Total ...	2,483	268	2,751

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MEDLERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ..	141	...	141
1. Water-rates from Irrigation ..	20,080	699	20,785	Total ...	141	...	141
5. Plantations ...							
6. Other canal produce	2,207	...	2,207	II.—MAINTENANCE AND REPAIRS.			
9. Miscellaneous Receipts ...	98	...	98	1. Head Works ..	13,862	...	13,862
Total ...	22,386	699	23,085	2. Main Canals and Branches ...	362	1,496	1,858
				3. Distributaries ...	2,191	...	2,191
II.—INDIRECT RECEIPTS.				Total ..	16,415	1,496	17,911
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	13,901	1,545	15,446
Total, Receipts ...	22,386	699	23,085	3. Executive ...			
				Total ...	13,901	1,545	15,446
				V.—TOOLS AND PLANT ..	37	103	145
				VI.—REFUNDS OF REVENUE	299	...	299
				Total ...	30,793	3,149	33,942
				Share of Collection Charges in the Civil Department	1,004	35	1,039
				Total Direct Charges ...	31,797	3,184	34,981
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,945	231	2,176
				Total, Charges ...	33,742	3,415	37,157
				Balance Net Revenue ...	−11,356	−2,716	−14,072
Grand Total ...	22,386	699	23,085	Grand Total ...	22,386	699	23,085

N.B.—Last Capital Account detailed in the Administrative Accounts for 1885-86. Construction Estimate closed on 31st March 1888—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MEDLERI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount
	Rs.		Rs
Total interest charges to end of 1920-1921	*1,19,698	Net Revenue realized to end of 1920-1921	—11,356
Interest charges for the year 1921-1922.	2,605	Net Revenue realized during 1921-1922	—2,716
On Rs. 78,354, outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—14,072
Subsequent Outlay *nil.*		Balance net interest charges ...	1,36,375
Total ...	1,22,303	Total ...	1,22,303

* The amount was not adjusted nder Interest in previous year.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,945	216	2,161
3. Audit and Accounts Establishment	...	15	15
Total ...	1,945	231	2,176

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MADAG TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
1. Water-rates from Irrigation ...	1,02,652	4,796	1,07,448	2. Main Canals and Branches ...	1,537	...	1,537
4. Water-supply of towns ...	...	...	...	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	7,939	42	8,040	1. Head Works ...	2,687	...	2,687
6. Other canal produce		59		2. Main Canals and Branches ...	50,258	987	51,245
11. Miscellaneous Receipts	328	6	334	Total ...	52,945	987	53,932
Total ...	1,10,919	4,903	1,15,822	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	37,506	1,019	38,525
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3 Executive			
				Total ...	37,506	1,019	38,525
				V.—TOOLS AND PLANT ...	674	71	745
Total, Receipts ...	1,10,919	4,903	1,15,822	Total ...	92,662	2,077	94,739
				Share of Collection Charges in the Civil Department	5,157	240	5,397
				Total, Direct Charges .	97,819	2,317	1,00,136
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,883	153	6,036
				Total, Charges ...	1,03,702	2,470	1,06,172
				Balance Net Revenue ...	7,217	2,433	9,650
Grand Total ...	1,10,919	4,903	1,15,822	Grand Total ...	1,10,919	4,903	1,15,822

N.B.—Last Capital Account detailed in the Administrative Accounts for 1888-89. Construction Estimate closed on 31st March 1889—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MADAG TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	3,34,903*	Net Revenue realized to end of 1920-1921	7,217
Interest charges for the year 1921-1922	5,362	Net Revenue realized during 1921-1922.	2,433
On Rs. 1,61,248 outlay to end of 1916-17 at the average rate 3·3252 per cent.			9,650
Subsequent Outlay *nil.*		Balance net interest charges ...	3,30,615
Total ...	3,40,265	Total ...	3,40,265

* The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE –	Rs.	Rs.	Rs.
2. Leave and Pension Allowances...	5,883	143	6,026
3. Audit and Accounts Establishment	.....	10	10
Total ...	5,883	153	6,036

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

ASUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	18,645	356	19,001	1. Head Works ...	219	...	219
5. Plantations... ...	2,694	...	2,874	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		180		1. Head Works ...	23,567	...	23,567
10. Fines	19	...	19	2. Main Canals and Branches ...	960	380	1,340
11. Miscellaneous Receipts	38	...	38	3. Distributaries ...	2,043	...	2,043
				Total ...	26,570	380	26,950
Total ..	21,396	536	21,932	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ... 3. Executive	22,432	392	22,824
				Total ...	22,432	392	22,824
Irrigation share of Land Revenue collected in the Civil Department ...	21,767	687	22,454	V.—TOOLS AND PLANT ...	577	27	604
Total ...	21,767	687	22,454	Total ...	49,798	799	50,597
Total, Receipts ...	43,163	1,223	44,386	Share of Collection Charges in the Civil Department	3,131	86	3,217
				Total, Direct Charges...	52,929	885	53,814
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,150	59	3,209
				Total, Charges ...	56,079	944	57,023
				Balance Net Revenue ...	—12,916	279	—12,637
Grand Total ...	43,163	1,223	44,386	Grand Total ...	43,163	1,223	44,386

N. B.—Last Capital Account detailed in the Administrative Accounts for 1889-90. Construction Estimate closed on 31st March 1890—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

ASUNDI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	87,434*	Net Revenue realized to end of 1920-1921	—12,916
Interest charges for the year 1921-1922.	2,020	Net Revenue realized during 1921-1922	279
On Rs. 60,741 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—12,637
Subsequent Outlay *nil.*		Balance net interest charges ...	1,02,091
Total ...	89,454	Total ...	89,454

* The amount was not adjusted under "Interest" in previous year.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue... ...	9	.....	9
2. Leave and Pension Allowances	3,141	55	3,196
3. Audit and Accounts Establishment	.....	4	4
Total ...	3,150	59	3,209

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DHARMA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
K. Buildings	2,286	...	2,286	2,286	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,775	...	1,775	1,775	...
B. Land	476	...	476	476	...
D. Regulators	18,580	...	18,580	18,607	...
F. River and Hill Torrent Works ...	18,511	...	18,523	18,523	...
G. Bridges	868	...	868	875	...
H. Escapes	7,510	...	7,510	7,514	...
K. Buildings	3,385	...	3,385	3,386	...
L. Earth-work	16,428	...	16,428	17,022	...
O. Miscellaneous	7,949	...	7,949	7,834	...
Total, Main Canals and Branches ...	75,482	...	75,482	75,512	...
Total, I.—Works ...	77,768	...	77,768	77,798	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	16,588	...	16,588	16,624	...
3. Executive					
Total, Establishment ...	16,588	...	16,588	16,624	...
III.—TOOLS AND PLANT ...	1,153	...	1,153	1,160	...
Grand Total ...	95,509	...	95,509	95,582	...
V.—*Less* Receipts on Capital Account ...	...	...	...	...	...
Net Outlay ...	95,509	...	95,509	95,582	...
APPORTIONMENT.					
Chargeable to 43—Minor Works and Navigation	95,509	...	95,509	95,582	...

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DHARMA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
1. Water-rates from Irrigation ...	18,759	3,116	21,875	I.—EXTENSIONS AND IMPROVEMENTS.			
6. Other canal produce.	40	...	40	2. Main Canals and Branches ...	787	...	787
11. Miscellaneous Receipts ...	712	...	712	II.—MAINTENANCE AND REPAIRS.			
12. *Deduct*—Refunds...	...	144	144	1. Head Works ...	7,717	...	7,717
Total ...	19,511	2,972	22,483	2. Main Canals and Branches ...	4,494	1,934	6,428
				4. Average expenditure before Improvements ...	—9,730	—1,390	—11,120
II.—INDIRECT RECEIPTS.				Total ...	2,481	544	3,025
Irrigation share of Land Revenue collected in the Civil Department.	1,41,931	20,662 *13,956	1,76,572	IV.—ESTABLISHMENT.			
Average Indirect Revenues as per Government Resolution No. A.I.—1650, dated 16th August 1911 ...	—1,85,248	—23,156	—2,08,404	1 & 2. Direction and Accounts ... 3. Executive ...	9,489	1,523	11,012
				Total ...	9,489	1,523	11,012
Total ...	—43,317	11,482	—31,832	V.—TOOLS AND PLANT...	341	140	481
				VI.—REFUNDS OF REVENUE ...	434	...	434
Total Receipts ...	—23,803	14,454	—9,349	Total ...	13,532	2,207	15,739
				Share of Collection Charges in the Civil Department ...	—3,357	1,297	—2,060
				Total, Direct Charges...	10,175	3,504	13,679
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,330	218	1,548
				Total Charges ...	11,505	3,722	15,227
				Balance Net Revenue ...	—35,308	10,732	—24,576
Grand Total ...	—23,803	14,454	—9,349	Grand Total ...	—23,803	14,454	—9,349

*Difference between the figures already reported for the year 1913-14 to 1920-21 and those now reported by the Collector, Dharwar.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

DHARMA CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-22.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	*28,898	Net Revenue realized to end of 1920-21.	—35,308
Interest charges for the year 1921-1922.			
On Rs. 85,536 outlay to end of 1916-17 at the average rate 3·3252 per cent. Rs. 2,844.	3,453	Net Revenue realized during 1921-22 ...	10,732
			—24,576
On subsequent outlay Rs. 9,978 at the average rate 6·1038, per cent. Rs. 609.		Balance net interest charges ...	56,927
Total ...	32,351	Total ...	32,351

* The amount was not adjusted under interest in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized Abatement of Land Revenue ...	2	.....	2
2. Leave and Pension Allowances ...	2,321	.....	2,321
Total ...	2,323	.....	2,323
REVENUE—			
2. Leave and Pension Allowances ...	1,330	213	1,543
3. Audit and Accounts Establishment ...	...	5	5
Total ...	1,330	218	1,548

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ..	...	...	...	77,768	77,798	30	77,768	
Establishment ...	...	...	...	16,588	16,624	36	16,588	
Tools and Plant ...	...	...	...	1,153	1,160	7	1,153	
Total ..	...	...	...	95,509	95,582	73	95,509	
Less—Receipts on Capital Account.	...	...	...	...	...	...	...	
Net Total ...	...	...	...	95,509	95,582	73	95,509	Revised Estimate sanctioned in Government Resolution No. W. I. 4026 (P. W. D.), dated 4th May 1910.
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	...	...	...	2	425	423	2	
Leave and Pension Allowances ...	...	...	...	2,321	2,327	6	2,321	
Total ..	...	...	...	2,323	2,752	429	2,323	
Grand Total ..	...	...	...	97,832	98,334	502	97,832	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KA'DWÁ RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	6,43,106	33,263	6,76,369	1. Head Works ...	8,277	1,300	9,577
3. Sales of water ...	456	...	456	2. Main Canals and Branches ...	24,800	8,039	32,839
5. Plantations ...	29,813	1,964	32,104	3. Distributaries ...	342	....	342
6. Other Canal Produce ...		327		Total ...	33,419	9,339	42,758
9. Rents of Buildings.	248	...	248	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	985	112	1,097	1. Head Works ..	68,587	4,344	72,931
11. Miscellaneous receipts ...	7,762	645	8,407	2. Main Canals and Branches ...	1,53,862	7,967	1,61,829
12. Deduct—Refunds	...	50	50	3. Distributaries ...	14,784	537	15,321
Total ...	6,82,370	36,261	7,18,631	Total ...	3,37,233	12,848	2,50,081
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
Enhanced Land Revenue as per Government Resolution No. 428, dated 6th August 1875.	27,321	594	27,915	1 & 2. Direction and Accounts ... 3. Executive	2,73,927	16,829	2,90,756
Total ...	27,321	594	27,915	Total ...	2,73,927	16,829	2,90,756
Total, Receipts ...	7,09,691	36,855	7,46,546	V.—TOOLS AND PLANT ...	7,572	563	8,135
Carried over ...	7,09,691	36,855	7,46,546	Carried over ...	5,52,151	39,579	5,91,730

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KA'DWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	7,09,691	36,855	7,46,546	Brought forward...	5,52,151	39,579	5,91,730
				VI.—REFUNDS OF REVENUE ...	528	...	528
				Total ...	5,52,679	39,579	5,92,258
				Share of Collection Charges in the Civil Department .	32,314	1,668	33,982
				Total Direct Charges ...	5,84,993	41,247	6,26,240
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	39,318	2,578	41,896
				Total, Charges ...	6,24,311	43,825	6,68,136
				Balance Net Revenue ...	85,380	−6,970	78,410
Grand Total ...	7,09,691	36,855	7,46,546	Grand Total ...	7,09,691	36,855	7,46,546

N. B.—Last Capital Account detailed in the Administrative Accounts for 1910-11.
Construction Estimate closed on 31st March 1908—*vide* Government Resolution No. 2245, dated 25th August 1908.
Completion Report approved in Government Resolution No. 1041, dated 29th April 1910.

Note.—Loss of revenue due to concession granted for wheat cultivation during the Rabi Season 1916-17, under Government Resolution No. A.I.—12237, dated 18th December 1917—Rs. 2,460.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	12,43,559	Net revenue realized to end of 1920-1921	85,380
		Do. during 1921-1922.	−6,970
Interest charges for the year 1921-1922. On Rs. 97,741 outlay to end of 1916-17 at the average rate 3·3252 per cent. Subsequent outlay *Nil.*	32,312		78,410
		Balance net interest charges ...	−1,97,461
Total ...	12,75,871	Total ...	12,75,871

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	11	.....	11
2. Leave and Pension Allowances	39,307	2,356	41,663
3. Audit and Accounts Establishment	.....	222	222
Total ...	39,318	2,578	41,896

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	7,678	...	7,678	7,678	7,678
B. Land	19,056	...	19,056	19,056	19,056
C. Masonry Works	8,82,680	...	8,82,680	8,82,680	8,82,680
K. Buildings	11,459	...	11,459	11,459	11,459
L. Earth-work	1,16,773	...	1,16,773	1,16,773	1,16,773
P. Maintenance	5,610	...	5,610	5,610	5,610
Total, Head Works ...	10,43,256	...	10,43,256	10,43,256	10,43,256
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,171	118	1,289	1,349	349
B. Land	7,437	5,714	13,151	16,589	2,102
C. Masonry Works	1,64,605	7,640	1,72,245	2,13,357	1,25,966
C (*b*). Falls and Weirs	392	...	392	392	392
C (*c*). River and Hill Torrent Works	71,143	...	71,143	.....	.....
C (*e*). Bridges	718	...	718	.....	.....
K. Buildings	11,990	...	11,990	6,148	6,148
L. Earth-work	1,69,751	1,711	1,71,462	2,17,413	92,086
M. Plantations	5,183	...	5,183	5,183	5,183
O. Miscellaneous	4,151	130	4,281	521	.....
P. Maintenance	.....	506	506	700	.....
Total, Main Canals and Branches ...	4,36,541	15,819	4,52,360	4,56,152	2,32,226
(3)—*Distributaries.*					
A. Preliminary Expenses ...	3,433	...	3,433	6,717	6,717
B. Land	3,221	...	3,221	3,221	3,221
C. Masonry Works	5,373	...	5,373	5,373	5,373
L. Earth-work	7,794	...	7,794	7,794	7,794
O. Miscellaneous	39,445	15,249	54,694	54,939	29,380
Total, Distributaries ...	64,266	15,249	79,515	78,044	52,485
Total, I.—Works ...	15,44,063	31,068	15,75,131	15,77,452	13,27,967
Carried over ...	15,44,063	31,068	15,75,131	15,77,452	13,27,967

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	15,44,063	21,068	15,75,131	15,77,452	13,27,967
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,25,859	8,338	3,34,197	3,34,644	2,78,510
3. Executive ...					
Total, II.—Establishment ...	3,25,859	8,338	3,34,197	3,34,644	2,78,510
III.—TOOLS AND PLANT ...	60,087	789	60,876	59,871	56,129
Grand Total ...	19,30,009	40,195	19,70,204	19,71,967	16,62,606
V.—*Less* Receipts on Capital Account	2,132	...	2,132	2,132	2,132
Net Outlay ...	19,27,877	40,195	19,68,072	19,69,835	16,60,474
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works	18,93,561	...	18,93,561	19,69,835	16,60,474
Do. 43.—Minor Works and Navigation ...	34,316	...	34,316		
Do. 55.—Construction of Irrigation Works Provincial ...	.....	40,195	40,195		
Total ...	19,27,877	40,195	19,68,072	19,69,835	16,60,474

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

CHANKA'PUR TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,45,794	30,250	1,76,044	1. Head Works	7,867	...	7,867
3. Sales of water ...	14	11	25	2. Main Canals and Branches	12,217	2,135	14,352
				Total ...	20,084	2,135	22,219
5. Plantations ...							
6. Other Canal Produce.	547	60 / 133	740	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	289	...	289	1. Head Works	40,901	4,758	45,659
10. Fines	211	121	332	2. Main Canals and Branches	37,284	6,353	43,637
11. Miscellaneous Receipts	2,282	154	2,436	3. Distributaries ...	4,553	1,070	5,623
				Total ...	82,738	12,181	94,919
				IV.—ESTABLISHMENT.			
Total ...	1,49,137	30,729	1,79,866	1 & 2. Direction and Accounts ...	69,092	10,858	79,950
				3. Executive			
				Total ...	69,092	10,858	79,950
II.—INDIRECT RECEIPTS.				V.—TOOLS AND PLANT ...	3,887	363	4,250
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	VI.—REFUNDS OF REVENUE	40	...	40
				Total ...	1,75,841	25,537	2,01,378
				Share of Collection Charges in the Civil Department	7,302	1,519	8,821
				Total Direct Charges ...	1,83,143	27,056	2,10,199
Total, Receipts ...	1,49,137	30,729	1,79,866	Indirect Charges debitable to Revenue Account as per Account No. 5	9,672	1,663	11,335
				Total Charges ...	1,92,815	28,719	2,21,534
				Balance Net Revenue ...	—43,678	2,010	—41,668
Grand Total ...	1,49,137	30,729	1,79,866	Grand Total ...	1,49,137	30,729	1,79,866

N. B.—Constructive Estimate closed on 31st March 1910—*vide* G. R. No. 872, dated 1st April 1910.
Completion Report approved in G. R. No. 443, dated 3rd March 1911.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-1917—*vide* Government Resolution No. A.I.—12297, dated 18th December 1917, Rs. 4,385.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

CHANDA PUR TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921 .	9,14,278		
Interest charges for the year 1921-1922 ...	67,745	Net revenue realized to end of 1920-1921 .	—43,678
On Rs. 18,41,062 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 61,219.		Do. during 1921-1922...	2,010
On subsequent outlay Rs. 1,06,912 at the average rate 6·1038 per cent, Rs. 6,526.			—41,668
		Balance net interest charges ...	10,23,691
Total ...	9,82,023	Total ...	9,82,023

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,297	1,597	18,894
2. Leave and Pension Allowances	46,259	1,167	47,426
3. Audit and Accounts Establishment	.....	311	311
Total ..	63,556	3,075	66,631
REVENUE—			
2. Leave and Pension Allowances	9,672	1,520	11,192
3. Audit and Accounts Establishment	.....	143	143
Total ...	9,672	1,663	11,335

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	12,04,069	1,23,898	13,27,967	2,47,164	2,49,485	2,321	15,76,131	
Establishment ...	2,51,351	27,159	2,78,510	55,687	56,134	447	3,34,197	
Tools and Plant ...	62,947	—6,818	56,129	4,747	3,742	—1,005	60,876	
Total ...	15,18,367	1,44,239	16,62,606	3,07,598	3,09,361	1,763	19,70,204	
Less—Receipts on Capital Account.	2,132	...	2,132	...	...	...	2,132	
Net Total ...	15,16,235	1,44,239	16,60,474	3,07,598	3,09,361	1,763	19,68,072	Revised Estimate sanctioned by the Government of India under their letter No. 19-I., dated 18th January 1921, communicated in Government Order (P.W.D.), No. W.I.—4345, dated 14th March 1921, Rs. 3,19,220.
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	16,235	1,037	17,272	1,622	2,000	378	18,894	
Leave and Pension Allowances ...	35,829	3,801	39,630	7,796	7,859	63	47,426	
Audit and Accounts Establishment ...	...	...	...	311	...	—311	311	
Total ...	52,064	4,838	56,902	9,729	9,859	130	66,631	
Grand Total ...	15,68,299	1,49,077	17,17,376	3,17,327	3,19,220	1,893	20,34,703	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PRAVARA RIVER WORKS—LA'KH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	62,609	1,275	63,875	1. Head Works ...	629	...	629
3. Sales of water ...	57	2	59				
5. Plantations ...		126					
6. Other Canal Produce ...	14,760	424	15,310	2. Main Canals and Branches ...	86	...	86
9. Rents of Buildings	86	...	86				
10. Fines	270	3	273	Total ...	715	...	715
11. Miscellaneous Receipts... ...	711	...	711				
				II.—MAINTENANCE AND REPAIRS.			
Total ...	78,484	1,830	80,314	1. Head Works ...	10,605	110	10,715
				2. Main Canals and Branches	1,41,981	4,171	1,46,152
II.—INDIRECT RECEIPTS.				3. Distributaries ...	4,956	690	5,646
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	1,57,542	4,971	1,62,513
Revenue for "Galper" land treated as Land Revenue —*Vide* Government Resolution, No. 1829, dated 23rd November 1893 ...	6,651	225	6,876	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts ... ... 3. Executive ...	1,53,326	4,675	1,58,001
Total ...	6,651	225	6,876	Total ...	1,53,326	4,675	1,58,001
Total Receipts ...	85,135	2,055	87,190	V.—TOOLS AND PLANT ...	2,929	126	3,055
Carried over ...	85,135	2,055	87,190	Carried over ...	3,14,512	9,772	3,24,284

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PRAVARA RIVER WORKS—LÁKH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	85,135	2,055	87,190	Brought forward ...	3,14,512	9,772	3,24,284
				VI.—REFUNDS OF REVENUE ...	116	...	116
				Total ...	3,14,628	9,772	3,24,400
				Share of Collection Charges in the Civil Department .	3,804	86	3,890
				Total, Direct Charges ...	3,18,432	9,858	3,28,290
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	23,122	705	23,827
				Total, Charges ...	3,41,554	10,563	3,52,117
				Balance Net Revenue ...	—2,56,419	—8,508	—2,64,927
Grand Total ...	85,135	2,055	87,190	Grand Total ...	85,135	2,055	87,190

N.B.—Last Capital Account detailed in the Administrative Accounts for 1894-95.
Construction Estimate closed on 31st March 1894—*Vide* Government Resolution No. 1707, dated 2nd November 1894.
Completion Report approved in Government Resolution No. 87, dated 20th January 1896, and No. 1187, dated 17th August 1896.
Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A.-I. 12327, dated 18th December 1917, Rs. 250.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1920-1921	7,05,078	Net revenue realized to end of 1920-21...	—2,56,419
Interest charges for the year 1921-1922.	11,720	Do. during 1921-22...	— 8,508
On Rs. 3,52,446 outlay to end of 1916-17 at the average rate of 3·3252 per cent.			—2,64,927
Subsequent outlay *Nil.*		Balance net Interest charges ...	9,81,725
Total ...	7,16,798	Total ...	7,16,798

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	23,122	655	23,777
3. Audit and Accounts Establishment	.....	50	50
Total ...	23,122	705	23,827

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GODA'VARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1916.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	5,480	...	5,480	5,480	5,480
B. Land	9,48,502	655	9,49,157	9,17,841	9,15,241
C. Works	32,05,356	19,804	32,25,160	32,47,965	31,56,088
K. Buildings	43,303	6,224	49,527	42,777	42,777
O. Miscellaneous	152	...	152	152	152
P. Maintenance	18,007	...	18,007	18,007	18,007
Total Head Works ...	42,20,800	26,683	42,47,483	42,31,722	41,37,840
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	29,652	...	29,652	29,652	29,652
B. Land	1,07,788	...	1,07,788	1,06,806	1,06,542
D. Regulators	29,752	...	29,752	30,011	28,177
F. River and Hill Torrent Works ...	11,01,009	...	11,01,009	10,04,340	10,86,087
G. Bridges	1,03,799	...	1,03,799	1,07,987	92,551
H. Escapes	20,437	...	20,437	20,431	18,989
K. Buildings	1,91,032	...	1,91,032	1,90,770	1,88,165
L. Earth-work	17,50,156	9,805	17,59,961	17,63,561	17,18,741
M. Plantations	8,907	...	8,907	8,907	8,907
O. Miscellaneous	15,350	...	15,350	12,680	12,680
P. Maintenance	16,033	...	16,033	16,318	15,318
Total Main Canals and Branches ...	33,73,915	9,805	33,83,720	33,90,463	33,05,909
(3)—*Distributaries.*					
A. Preliminary Expenses	10,153	1,510	11,663	13,483	8,762
B. Land	28,063	...	28,063	30,081	26,513
C. Works	1,11,137	...	1,11,137	1,10,729	1,00,642
L. Earth-work	1,74,380	...	1,74,380	1,73,917	1,73,319
O. Miscellaneous	2,09,157	...	2,09,157	2,04,266	1,65,988
Total Distributaries ...	5,32,890	1,510	5,34,400	5,32,476	4,75,204
Liabilities on completed works ...	...	...	...	3,967	...
Total I.—Works ..	81,27,605	37,998	81,65,603	81,58,628	79,18,953
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	13,15,956	10,198	13,26,154	12,94,466	12,46,359
3. Executive					
Total Establishment ...	13,15,956	10,198	13,26,154	12,94,466	12,46,359
III.—Tools and Plant	2,25,511	965	2,26,476	2,25,863	2,22,561
IV.—Suspense Accounts	...	...	...	2,245	2,245
Grand Total ...	96,69,072	49,161	97,18,233	96,81,202	93,90,118
V.—*Less* Receipts on Capital Account ...	2,026	...	2,026	2,026	2,026
Net Outlay ...	96,67,046	49,161	97,16,207	96,79,176	93,88,092
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	96,67,046	...	96,67,046	6,79,176	93,88,092
Chargeable to 55.—Construction of Irrigation Works—Provincial	...	49,161	49,161		
Total ..	96,67,046	49,161	97,16,207	96,79,176	93,88,092

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GODA'VARI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	10,491	568	11,059
				2. Main Canals and Branches	37,836	10,739	48,576
				3. Distributaries ...	386	...	386
1. Water-rates from Irrigation ..	21,00,918	6,78,325	27,79,273	Total ...	48,713	11,307	60,020
3. Sales of water ..	10,532	4,161	14,693	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ..	3,010	45	3,055	1. Head Works ...	90,380	10,554	1,00,934
6. Other Canal Produce	2,850	2,061	4,911	2. Main Canals and Branches ...	5,22,302	76,158	5,98,460
				3. Distributaries ..	61,557	14,876	76,433
8. Navigation ...	43	12	55	Total ...	6,74,239	1,01,588	7,75,827
9. Rents of Buildings.	4,025	195	4,220	IV.—ESTABLISHMENT.			
10. Fines	3,996	364	4,360	1 & 2. Direction and Accounts ...	4,22,547	1,04,607	5,27,154
11. Miscellaneous Receipts	56,744	13,997	70,741	3. Executive ...			
12. Deduct Refunds...	...	859	859	Total ...	4,22,547	1,04,607	5,27,154
				V.—TOOLS AND PLANT ...	14,154	2,867	17,021
Total ..	21,82,148	6,98,301	28,80,449	VI.—REFUNDS OF REVENUE	43,571	...	43,571
				Total ...	12,03,224	2,20,369	14,23,593
II.—INDIRECT RECEIPTS.				Share of Collection Charges in the Civil Department	1,07,189	34,506	1,41,695
				Total deduct Charges ...	13,10,413	2,54,875	15,65,288
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Indirect Charges debitable to Revenue Account as per Account No. 5	59,154	15,774	74,928
Total, Receipts ...	21,82,148	6,98,301	28,80,449	Total Charges ...	13,69,567	2,70,649	16,40,216
				Balance Net Revenue ...	8,12,581	4,27,652	12,40,233
Grand Total ..	21,82,148	6,98,301	28,80,449	Grand Total ...	21,82,148	6,98,301	28,80,449

N. B.—Construction Estimate closed on 31st March 1916, *vide* Government Order No. A. I.—3470, dated 28th March 1916.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi season 1916-1917, *vide* Government Resolution No. A. I.—12327, dated 18th December 1917, Rs. 31,760.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

GODA'VARI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	33,68,124	Net revenue realized to end of 1920-1921	8,12,581
Interest charges for the year 1921-1922.	3,27,006		
On Rs. 95,21,042 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 3,16,594		Net revenue realized during 1921-1922.	4,27,652
			12,40,233
Subsequent outlay Rs. 1,70,585 at the average rate 6·1038 per cent. 10,412		Balance net interest charges ...	24,54,897
Total ...	36,95,130	Total ...	36,95,130

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,09,393	.....	3,09,393
2. Leave and Pension Allowances...	1,84,231	1,428	1,85,659
3. Audit and Accounts Establishment	.....	380	380
Total ...	4,93,624	1,808	4,95,432
REVENUE—			
2. Leave and Pension Allowances	59,154	14,615	73,799
3. Audit and Accounts Establishment	.....	1,129	1,129
Total ...	59,154	15,774	74,928

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	78,92,733	26,220	79,18,953	2,46,650	2,39,675	—6,975	81,65,603	Extract paragraph 1 of Government of India (Public Works Department) letter No. 6941, dated 31st October 1917, communicated under Government memorandum (Public Works Department) No. I.-109, dated 6th January 1918 2,00,549
Establishment ...	12,40,613	5,746	12,46,359	79,795	48,107	—31,688	13,26,154	Government Resolution (Public Works Department) No. W.I.-5085, dated 13th May 1918 4,641
Tools and Plant ...	2,21,997	564	2,22,561	3,915	3,302	—613	2,26,476	Government Resolution (Public Works Department) No. W.I.-10321, dated 24th August 1918 1,362
Suspense Accounts.	2,245	...	2,245	—2,245	...	2,245	...	Government Resolution (Public Works Department) No. W.I.-2327, dated 18th March 1919 75,184
Total ...	93,57,588	32,530	93,90,118	3,28,115	2,91,084	—37,031	97,18,233	Government Order (Public Works Department) No. W.I.-14600, dated 27th September 1921 21,916
Less—Receipts on Capital Account...	2,026	...	2,026	...	...	...	2,026	Total ... 3,03,652
Net Total ...	93,55,562	3,2530	93,88,092	3,28,115	2,91,084	—37,031	97,16,207	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	3,07,005	...	3,07,005	2,388	5,832	3,444	3,09,393	
Leave and Pension Allowances ...	1,73,684	804	1,74,488	11,171	6,736	—4,435	1,85,659	
Audit and Accounts Establishment ...	...	...	...	380	...	—380	380	
Total ...	4,80,689	804	4,81,493	13,939	12,568	—1,371	4,95,432	
Grand Total ...	98,36,251	33,334	98,69,585	3,42,054	3,03,652	—38,402	1,02,11,639	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	4,769	595	5,364	4,618	.....
B. Land	86,896	516	87,412	1,62,403	.....
C. Works	40,90,540	5,52,384	46,42,924	47,89,000	.....
K. Buildings	55,953	477	56,430	52,895	.....
O. Miscellaneous	57,141	11,047	68,188	34,751	.....
P. Maintenance	51,327	4,135	55,462	50,139	.....
Total, Head Works ...	43,46,626	5,69,154	49,15,780	50,93,806	.....
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	12,370	390	12,760	13,755	.....
B. Land	62,454	...	62,454	82,462	.....
D. Regulators	49,998	16	50,014	50,336	.....
E. Falls and Weirs	15,649	...	15,649	15,654	.....
F. River and Hill torrent works ...	4,77,748	...	4,77,748	4,78,094	.....
G. Bridges	1,10,135	...	1,10,135	1,10,183	.....
H. Escapes	20,160	...	20,160	20,666	.....
K. Buildings	1,42,577	3,029	1,50,606	1,99,186	.....
L. Earth-work	15,87,625	1,252	15,88,877	15,96,199	.....
M. Plantations	68,521	5,455	73,976	68,109	.....
O. Miscellaneous	31,540	60	31,600	35,328	.....
P. Maintenance	34,210	9	34,219	43,194	.....
Total, Main Canals and Branches ...	26,12,987	15,211	26,28,198	27,14,164	.....
Carried over ..	69,59,613	5,84,365	75,43,978	78,07,970	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922—continued.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-22.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	69,59,613	5,84,365	75,43,978	78,07,970	.....
I.—WORKS—*continued*.					
(3)—*Distributaries*.					
A. Preliminary Expenses ...	11,523	...	11,523	16,169	.....
B. Land	53,800	5,681	59,481	88,540	.....
C. Works	2,17,081	48,269	2,65,350	3,10,180	.....
L. Earth-work	1,46,289	46,598	1,92,887	1,24,766	.....
O. Miscellaneous	2,78,306	40,757	3,19,563	3,16,635	.....
P. Maintenance	59	237	296	-7,499	.....
Total, Distributaries ...	7,07,558	1,41,542	8,49,100	8,58,789	.....
(5) Special Tools and Plant ...	4,53,994	33,181	4,87,175	4,81,469	.....
Total, I.—Works ...	81,21,165	7,59,088	88,80,253	91,48,228	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ... 3. Executive	18,36,442	2,03,720	20,40,162	18,34,495	.....
Total, II.—Establishment ...	18,36,442	2,03,720	20,40,162	18,34,495	.....
III.—TOOLS AND PLANT	2,40,838	19,986	2,60,824	1,37,988	.....
IV.—Suspense Accounts	.....	194	194	.....	.....
Grand Total ...	1,01,98,445	9,82,988	1,11,81,433	1,11,20,711	.....
V.—*Less* Receipts on Capital Account.	12,075	1,306	13,381	.....	.....
Net Outlay ...	1,01,86,370	9,81,682	1,11,68,052	1,11,20,711	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works, Imperial	96,49,879	...	96,49,879	1,11,20,711	.....
Chargeable to 43.—Minor Works and Navigation	22,623	...	22,623		
Chargeable to 33.—Famine Relief ...	5,13,868	...	5,13,868		
Chargeable to 55—Construction of Irrigation Works Project ...	.....	9,81,682	9,81,682		
Total ...	1,01,86,370	9,81,682	1,11,68,052	1,11,20,711	.....

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,33,723	32,463	1,66,186	2. Main Canals and Branches ...	5,000	...	5,000
3. Sales of water ...	133	5	138	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	3,668	280	3,948	2. Main Canals and Branches ...	1,06,911	17,716	1,24,627
6. Other Canal Produce ...	1,206	21	1,227	3. Distributaries ...	8,665	1,756	10,421
9. Rents of Buildings.	789	...	789	Total ...	1,15,576	19,472	1,35,048
10. Fines	208	82	290	IV.—ESTABLISHMENT.			
11. Miscellaneous Receipts	2,171	407	2,578	1 & 2. Direction and Accounts ...	71,953	18,314	90,267
				3. Executive			
				Total ...	71,953	18,314	90,267
				V.—TOOLS AND PLANT ...	2,543	494	3,037
Total ...	1,41,898	33,258	1,75,156	VI.—REFUNDS OF REVENUE ...	462	...	462
				Total ...	1,95,534	38,280	2,33,814
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Share of Collection Charges in the Civil Department	6,692	1,627	8,319
				Total, Direct Charges ...	2,02,226	39,907	2,42,133
Total Receipts ...	1,41,898	33,258	1,75,156	Indirect Charges debitable to Revenue Account as per Account No. 5	10,074	2,759	12,833
				Total, Charges ...	2,12,300	42,666	2,54,966
				Balance Net Revenue ...	—70,402	—9,408	—79,810
Grand Total ...	1,41,898	33,258	1,75,156	Grand Total ...	1,41,898	33,258	1,75,156

N.B.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A.I.—12327, dated 18th December 1917, Rs. 732.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921 ...	20,41,927	Net Revenue realized to end of 1920-1921 ...	—70,402
Interest charges for the year 1921-1922 ...	4,69,894	Do. during 1921-1922 ...	—9,408
On Rs. 65,43,657 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. 2,17,590			—79,810
On subsequent outlay 41,33,554 at the average rate 6·1038 per cent. 2,52,304 ...		Balance net interest charges	25,91,631
Total ...	25,11,821	Total ...	25,11,821

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	60,897	3,837	64,734
2. Leave and Pension Allowances	2,57,102	28,521	2,85,623
3. Audit and Accounts Establishment	.....	7,591	7,591
Total ...	3,17,999	39,949	3,57,948
REVENUE—			
2. Leave and Pension Allowances	10,074	2,564	12,638
3. Audit and Accounts Establishment	.....	195	195
Total ...	10,074	2,759	12,833

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PRAVARA RIVER CANALS.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	88,80,253	91,48,228	2,67,975	88,80,253	Revised estimate for the Pravara River Canal Project sanctioned by the Secretary of State's Despatch No. 37-P.W. of 31st August 1917, *vide* Government of India's No. 613-I. of 16th November 1917, communicated in Government Resolution No. W.I.-3345, dated 4th April 1918, Rs. 1,27,04,607. *Deduct*.—Estimate of the undermentioned works, as their separate accounts has been prepared as one account for the whole project has been kept in abeyance pending the new project is completed sufficiently to give water to the other canals, *vide* Government of India's No. 1951-I. of 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908 :— Rs. Mâlidevi Tank ...3,14,674 Pravara Left Bank Canal ...3,47,550 L4khCanal 3,71,891 Rs. 10,34,015 Net amount shown in this account ... Rs. 1,16,70,592.
Establishment ...	...	...	...	20,40,162	18,34,495	—2,05,667	20,40,162	
Tools and Plant ...	...	...	...	2,60,824	1,37,988	—1,22,836	2,60,824	
Suspense Accounts	...	...	...	194	...	—194	194	
Total ...	...	...	...	1,11,81,433	1,11,20,711	—60,722	1,11,81,433	
Less—Receipts on Capital Account.	...	...	...	13,381	...	—13,381	13,381	
Net Total ...	...	...	...	1,11,68,052	1,11,20,711	—47,341	1,11,68,052	
Indirect Charges.								
Capitalized abatement of Land Revenue	...	...	...	64,734	2,93,051	2,28,317	64,734	
Leave and Pension Allowances ...	...	...	...	2,85,623	2,56,830	—28,793	2,85,623	
Audit and Accounts Establishment...	...	...	...	7,591	...	—7,591	7,591	
Total ...	...	...	...	3,57,948	5,49,881	1,91,933	3,57,948	
Grand Total ...	...	...	...	1,15,26,000	1,16,70,592	1,44,592	1,15,26,000	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PARSUL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	3,707	...	3,707
1. Water-rates from Irrigation ...	34,249	1,636	35,885				
5. Plantations... ...	689	...	689				
6. Other canal produce.	1,132	67	1,199	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings ...	1	...	1	1. Head Works ...	8,310	483	8,793
10. Fines	22	...	22	2. Main- Canals and Branches ...	16	...	16
11. Miscellaneous Receipts	448	20	468	3. Distributaries ...	4,152	48	4,200
Total ...	36,541	1,723	38,264	Total ...	12,478	531	13,009
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ... ... 3. Executive	22,928	403	23,331
				Total ...	22,928	403	23,331
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	V.—TOOLS AND PLANT ...	967	13	980
				VI.—REFUNDS OF REVENUE ...	177	...	177
Total, Receipts ...	36,541	1,723	38,264	Total ...	40,257	947	41,204
				Share of Collection Charges in the Civil Department	4,213	82	4,295
				Total, Direct Charges ...	44,470	1,029	45,499
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,208	61	3,269
				Total, Charges ...	47,678	1,090	48,768
				Balance Net Revenue ...	38,863	633	39,496
Grand Total ...	36,541	1,723	38,264	Grand Total ...	86,541	1,723	38,264

N. B.—Last Capital Account detailed in the Administrative Accounts for 1897-98. Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 396, dated 14th March 1896. Completion Report approved in Government Resolution No. 241, dated 17th January 1896.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17—*vide* Government Resolution No. A.I.- 12327, dated 18th December 1917, Rs. 687.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PARSUL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1920-1921	*2,70,182	Net Revenue realized to end of 1920-1921	38,863
Interest charges for the year 1921-1922	6,917	Net Revenue realized during 1921-1922	633
On Rs. 2,08,007 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			39,496
Subsequent Outlay Nil		Balance net interest charges ...	2,37,603
Total ...	2,77,099	Total ...	2,77,099

*The amount was not adjusted under Interest in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Leave and Pension Allowances	3,208	56	3,264
2. Audit and Accounts Establishment	.....	5	5
Total ...	3,208	61	3,269

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

PRAVARA LEFT BANK CANAL.

CANAL PROJECT.

No. 5.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	3,21,070	35,924	3,56,934	1. Head Works ...	172	...	172
3. Sales of water...	29	26	55	2. Main Canals and Branches ...	5,737	...	5,737
5. Plantations ...		895					
6. Other canal produce ...	22,738	355	23,983	Total ...	5,909	...	5,909
9. Rents of Buildings ...	944	...	944	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	1,283	110	1,393	1. Head Works ...	3,374	112	3,486
11. Miscellaneous Receipts ...	8,355	246	8,601	2. Main Canals and Branches ...	1,79,899	21,823	*2,01,722
				3. Distributaries ...	11,845	1,340	13,185
Total ...	3,54,354	37,556	3,91,910	Total ...	1,95,118	23,276	2,18,393
II.—INDIRECT RECEIPTS.							
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	1,87,571	21,891	2,09,462
				3. Executive ...			
Enhanced Land Revenue as per Government Resolution No. 275, dated 7th July 1880 ...	3,192	76	3,268	Total ...	1,87,571	21,891	2,09,462
				V.—TOOLS AND PLANT ...	4,157	593	4,750
				VI.—REFUNDS OF REVENUE	1,042	...	1,042
Total ...	3,192	76	3,268				
Total, Receipts ...	3,57,546	37,632	3,95,178	Total ...	3,93,797	45,759	4,39,556
				Share of Collection Charges in the Civil Department ...	16,403	1,808	18,211
				Ttal, direct Charges ...	4,10,200	47,567	4,57,767
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	26,902	3,298	30,200
				Total, Charges ...	4,37,102	50,865	4,87,967
				Balance Net Revenue ...	—79,556	—13,233	—92,789
Grand Total ...	3,57,546	37,632	3,95,178	Grand Total ...	3,57,546	37,632	3,95,178

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1856, dated 9th December 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

43.—MINOR WORKS AND NAVIGATION.

PRAVARA LEFT BANK CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1920-1921	*5,58,277	Net Revenue realized to end of 1920-1921	—79,556
Interest charges for the year 1921-1922 on Rs. 3,24,317 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	10,784	Net Revenue realized during 1921-1922	—13,233
			—92,789
Subsequent outlay. Nil	.....	Balance net interest charges ...	6,56,850
Total ...	5,64,061	Total ...	5,64,061

*The amount was not adjusted under "Interest" in previous year.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	6	...	6
2. Leave and Pension Allowances	26,896	3,065	29,961
3. Audit and Accounts Establishment	.....	233	233
Total ...	26,902	3,298	30,200

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MUTHA CANAL INCLUDING MOTABA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses	8,391	...	8,391	8,391	8,391
B. Land	3,53,177	...	3,53,177	3,53,177	3,53,177
C. Masonry Works	28,90,673	...	28,90,673	28,90,673	28,90,673
K. Buildings	21,537	...	21,537	21,537	21,537
M. Plantations	3,059	...	3,059	3,059	3,059
O. Miscellaneous	820	...	820	820	820
P. Maintenance	1,231	...	1,231	1,231	1,231
Total, Head Works ...	32,78,888	...	32,78,888	32,78,888	32,78,888
(2) *Main Canals and Branches.*					
A. Preliminary Expenses... ...	2,828	...	2,828	2,828	2,828
B. Land	1,26,843	...	1,26,843	1,26,843	1,26,843
C (*a*). Regulators	37,342	...	37,342	37,342	37,342
C (*c*). River and Hill Torrent Works...	5,21,670	...	5,21,670	5,21,670	5,21,670
C (*e*). Bridges	95,170	...	95,170	95,170	95,170
C (*f*). Escapes	18,120	...	18,120	18,120	18,120
J. Mills	56,415	...	56,415	56,415	56,415
K. Buildings	10,111	...	10,111	10,111	10,111
L. Earth-work	9,89,763	...	9,89,763	9,89,763	9,89,763
M. Plantations	16,011	...	16,011	16,011	16,011
O. Miscellaneous	1,868	...	1,868	1,868	1,868
P. Maintenance	4,566	...	4,566	4,566	4,566
Total, Main Canals and Branches ...	18,80,707	...	18,80,707	18,80,707	18,80,707
Carried over ...	51,59,595	...	51,59,595	51,59,595	51,59,595

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MUTHA CANAL INCLUDING MOTABA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921—continued.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	51,59,595	...	51,59,595	51,59,595	51,59,595
(3) *Distributaries.*					
A. Preliminary Expenses	6,767	...	6,767	6,853	6,740
B. Land	5,666	...	5,666	5,666	5,666
C. Masonry Works	3,03,419	...	3,03,419	3,03,419	3,03,419
L. Earth-work	73,961	...	73,961	73,961	73,961
M. Plantations	407	...	407	407	407
O. Miscellaneous	8,01,559	...	8,01,559	8,01,559	8,01,559
Total, Distributaries ...	11,91,779	...	11,91,779	11,91,865	11,91,752
(4) *Drainage and Protective Works.*					
B. Land	7,328	...	7,328	7,328	7,328
L. Earth-work	1,188	...	1,188	1,188	1,188
Total, Drainage and Protective Works.	8,516	...	8,516	8,516	8,516
Adjustment of previous outlay...	—12,63,166	...	—12,63,166	—12,63,166	—12,63,166
Total, I.—Works ...	50,96,724	...	50,96,724	50,96,810	50,96,697
II.—ESTABLISHMENT.					
1, & 2. Direction and Accounts ...	11,44,735	...	11,44,735	11,44,756	11,44,731
3. Executive					
4. Medical	146	...	146	146	146
Departmental charges ...	—1,01,947	...	—1,01,947	—1,01,947	—1,01,947
Total, II.—Establishment ...	10,42,934	...	10,42,934	10,42,955	10,42,930
III.—TOOLS AND PLANT	1,18,446	...	1,18,446	1,18,448	1,18,446
IV.—SUSPENSE ACCOUNTS ...	—1,136	...	—1,136	—1,136	—1,136
Grand Total ..	62,56,968	...	62,56,968	62,57,077	62,56,937
V.—*Less* Receipts on Capital Account	12,328	...	12,328	12,328	12,328
Net Outlay ...	62,44,640	...	62,44,640	62,44,749	62,44,609
Apportionment.					
Chargeable to—					
49.—Irrigation	52,83,962	...	52,83,962	52,83,962	52,83,962
43.—Minor Works and Navigation .	9,60,678	...	9,60,678	9,60,787	9,60,647
Total ...	62,44,640	..	62,44,640	62,44,749	62,44,609

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MUTHA CANAL INCLUDING MOTABA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	68,83,168	2,51,999	69,40,167	1. Head Works ...	30,277	...	30,277
3. Sales of water ...	1,12,408	3,426	1,15,834	2. Main Canals and Branches ...	34,202	1,123	35,325
4. Water-supply of towns ...	49,81,854	43,420	50,25,274				
5. Plantations ...		3,285					
6. Other canal produce ...	1,46,597	1,987	1,51,819	3. Distributaries ...	83,843	959	84,802
7. Water power ...	64,800	...	64,800	4. Drainage and Protective Works ...	4,864	...	4,864
8. Navigation ...	968	266	1,234				
9. Rents of buildings	5,259	10	5,269	Total ...	1,53,186	2,082	1,55,268
10. Fines ...	2,427	5	2,432				
11. Miscellaneous receipts ...	2,15,822	1,347	2,17,169	II.—MAINTENANCE AND REPAIRS.			
12. Deduct Refunds. Recoveries of Expenditure ...	...	1,517	1,517	1. Head Works ...	1,48,314	12,069	1,60,383
	...	76	76	2. Main Canals and Branches ...	7,92,070	33,181	8,25,251
Total ...	1,23,13,303	3,04,254	1,26,22,557	3. Distributaries ...	10,77,806	4,042	10,81,848
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works ...	179	...	179
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	20,18,369	49,292	20,67,661
Irrigation share on account of percolation from the Canal —*vide* Government Resolutions Nos. 1159 and 1159, dated respectively 28th June and 29th September 1892 ...	1,269	52	1,321	III.—COMPENSATION ...	494	...	494
Total ...	1,269	52	1,321	IV.—ESTABLISHMENT.			
Total, Receipts ...	1,23,19,572	3,04,306	1,26,23,878	1. & 2. Direction and Accounts ...	15,43,547	53,864	15,97,411
				3. Executive ...			
				Total ...	15,43,547	53,864	15,97,411
				V.—TOOLS AND PLANT ...	1,59,114	1,600	1,60,714
Carried over ...	1,23,19,572	3,04,306	1,26,23,878	Carried over ...	38,74,710	1,06,838	39,81,548

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MUTHA CANAL INCLUDING MOTABA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922—continued.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	1,22,19,572	3,04,306	1,25,23,878	Brought forward ...	38,74,710	1,06,838	39,81,548
				VI.—REFUNDS OF REVENUE	53,448	...	53,448
				Suspense Account ...	10,483	-11,632	-1,149
				Less—Receipts on Capital or Revenue Account ..	...	295	295
				Total ...	39,38,641	94,911	40,33,552
				Share of Collection Charges in the Civil Department...	3,30,810	12,062	3,42,872
				Total Direct Charges ...	42,69,451	1,06,973	43,76,424
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,20,899	8,055	2,28,954
				Total, Charges ...	44,90,350	1,15,028	46,05,378
				Balance Net Revenue ...	77,29,222	1,89,278	79,18,500
Grand Total ...	1,22,19,572	3,04,306	1,25,23,878	Grand Total ...	1,22,19,572	3,04,306	1,25,23,878

N.B.—Construction Estimate of the Mutha Canal closed on 31st March 1897—*vide* Government Resolution No. 710, dated 13th May 1897 and that of the Motaba Tank on 31st March 1902—*vide* Government Resolution No. 1411, dated 12th September 1903. Completion report of the Mutha Canal approved in Government Resolution No. 2241 of 30th October 1901 and that of the Motaba Tank in Government Resolution No. 827 of 27th May 1904.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A.I.—12327, dated 18th December 1917, Rs. 2,665.

No. 4.—Interest Account for, and to end of, 1921-1922.

		Amount.			Amount.
		Rs.			Rs.
Total interest charges to end of 1920-1921		1,16,66,196	Net Revenue realized to end of 1920-1921		77,29,222
Interest charges for the year 1921-1922.		2,07,270	Net Revenue realized during 1921-1922		1,89,278
On Rs. 62,58,210 at the average rate 3·3252 per cent. ...	Rs. 2,08,098				
On subsequent outlay 13,570 at the average rate 6·1038 per cent. ...	-823				79,18,500
	Total ..	1,18,73,466	Balance net interest charges ...		39,54,966
				Total ...	1,18,73,466

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MUTHA CANAL INCLUDING MOTABA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	93,528	.....	93,528
2. Leave and Pension Allowances	2,01,785	.....	2,01,785
3. Audit and Accounts Establishment	...	.....	.....
Total ...	2,95,313	.....	2,95,313
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	2,20,899	7,541	2,28,440
3. Audit and Accounts Establishment	.....	514	514
Total ...	2,20,899	8,055	2,28,954

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. 144 Government Order No. W.I.—11641 (Public Works Department), dated 28th November 1918.
Works ...	54,32,020	—3,35,323	50,96,697	27	113	86	50,96,724	
Establishment ...	10,12,260	30,670	10,42,930	4	25	21	10,42,934	
Tools and Plant ...	1,19,987	—1,541	1,18,446	...	2	2	1,18,446	
Suspense Accounts ...	...	—1,136	—1,136	...	...	...	—1,136	
Total ...	65,64,267	—3,07,330	62,56,937	31	140	109	62,56,968	
Less—Receipts on Capital Account ...	12,234	94	12,328	...	...	...	12,328	
Net Total ...	65,52,033	—3,07,424	62,44,609	31	140	109	62,44,640	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	58,776	34,752	93,528	...	...	...	93,528	
Leave and Pension Allowances... ...	1,89,546	12,238	2,01,784	1	4	3	2,01,785	
Total ...	2,48,322	46,990	2,95,312	1	4	3	2,95,313	
Grand Total ...	68,00,355	—2,60,434	65,39,921	32	144	112	65,39,953	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1926.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	12,512	...	12,512	12,512	12,512
B. Land	2,23,024	...	2,23,024	2,23,024	2,23,024
C. Works	18,63,213	...	18,63,213	18,63,213	18,63,213
K. Buildings	13,283	...	13,283	13,283	13,283
M. Plantations	7,053	...	7,053	7,053	7,053
O. Miscellaneous	1,547	...	1,547	1,547	1,547
P. Maintenance	3,571	...	3,571	3,571	3,571
Total Head Works ...	21,24,203	...	21,24,203	21,24,203	21,24,203
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	92,060	3,248	95,308	1,06,179	26,040
B. Land	34,145	...	34,145	34,145	34,145
D. Regulators	20,697	...	20,697	20,697	20,697
F. River and Hill Torrent Works... ...	5,14,067	...	5,14,067	5,14,067	5,14,067
G. Bridges	53,443	...	53,443	53,443	53,443
K. Buildings	51,188	...	51,188	51,188	51,188
L. Earth-work	12,10,554	...	12,10,554	12,10,554	12,10,554
M. Plantations	6,928	...	6,928	6,928	6,928
N. Tanks and Reservoirs	5,58,005	...	5,58,005	5,58,005	5,58,005
O. Miscellaneous	4,027	...	4,027	4,027	4,027
P. Maintenance	11,167	...	11,167	11,167	11,167
Total Main Canals and Branches ...	25,56,281	3,248	25,59,529	25,70,400	24,90,261
Carried over ...	46,80,484	3,248	46,83,732	46,94,603	46,14,464

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimates closed on 31st March 1906.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	46,80,484	3,248	46,83,732	46,94,603	46,14,464
I.—WORKS—*continued.*					
(3)—*Distributaries.*					
A. Preliminary Expenses	3,493	...	3,493	3,493	3,493
B. Land	12,192	...	12,192	12,192	12,192
C. Works	98,599	...	98,599	98,599	98,599
L. Earth-work	93,077	...	93,077	93,077	93,077
M. Plantations	8,715	...	8,715	8,715	8,715
Total Distributaries ...	2,16,076	...	2,16,076	2,16,076	2,16,076
Total, I.—Works ...	48,96,560	3,248	48,99,808	49,10,679	48,30,540
II.—ESTABLISHMENT.					
I & 2. Direction and Accounts	11,11,646	872	11,12,518	11,77,854	11,59,533
3. Executive					
4. Medical	11,004	...	11,004		
5. Special Survey... ...	77,065	...	77,065		
Total Establishment ...	11,99,715	872	12,00,587	11,77,854	11,59,533
III.—Tools and Plant ...	1,35,316	82	1,35,398	1,24,499	1,23,105
IV.—Suspense Accounts	...	...	...	...	...
Grand Total ...	62,31,591	4,202	62,35,793	62,13,032	61,13,178
V.—*Less* Receipts on Capital Account ...	8,382	...	8,382	8,382	8,382
Net Outlay ...	62,23,209	4,202	62,27,411	62,04,650	61,04,796
Apportionment.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	54,01,556	...	54,01,556		
Do. 43.—Minor Works and Navigation	8,21,653	...	8,21,653	62,04,650	61,04,796
Do. 55.—Construction of Irrigation Works Provincial ...	...	4,202	4,202		
Total ...	62,23,209	4,202	62,27,411	62,04,650	61,04,796

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	88,32,160	7,80,154	96,62,314	1. Head Works	24,457	2,595	27,052
3. Sales of water ...	3,128	536	3,664	2. Main Canals and Branches	74,882	3,834	78,716
4. Water-supply of towns	245	177	422	3. Distributaries ...	39,422	942	40,364
5. Plantations ...	67,415	393	67,808	4. Drainage and Protective Works	4,931	...	4,931
6. Other canal produce	19,606	1,404	21,010	Total ...	1,43,692	7,371	1,51,063
8. Navigation ...	30	...	30				
9. Rents of buildings	9,015	3	9,018				
10. Fines	7,772	1,129	8,901				
11. Miscellaneous receipts	57,706	3,706	61,412	II.—MAINTENANCE AND REPAIRS.			
Deduct—							
12. Refunds ...	...	2,472	2,472	1. Head Works	1,89,061	12,819	2,01,880
				2. Main Canals and Branches	6,95,801	35,051	7,30,852
Total ...	90,47,077	7,85,030	98,32,107	3. Distributaries	2,11,617	23,969	2,35,586
				4. Drainage and Protective Works	983	...	983
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	10,97,462	71,839	11,69,301
				III.—COMPENSATION ...	5	...	5
Total Receipts ...	90,47,077	7,85,030	98,32,107				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... 3. Executive ...	11,12,951	80,182	11,93,133
				Total ...	11,12,951	80,182	11,93,133
				V.—TOOLS AND PLANT ...	47,080	2,012	49,092
Carried over ...	90,47,077	7,85,030	98,32,107	Carried over ...	24,01,190	1,61,404	25,62,594

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	90,47,077	7,85,030	98,32,107	Brought over ...	24,01,190	1,61,404	25,62,594
				VI.—REFUNDS OF REVENUE	20,539	...	20,539
				Total ...	24,21,729	1,61,404	25,83,133
				Share of Collection Charges in the Civil Department	4,44,475	39,031	4,83,506
				Total Direct Charges ...	28,66,204	2,00,435	30,66,639
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,55,813	12,017	1,67,830
				Total Charges ...	30,22,017	2,12,452	32,34,469
				Balance Net Revenue ...	60,25,060	5,72,578	65,97,638
Grand Total ...	90,47,077	7,85,030	98,32,107	Grand Total ...	90,47,077	7,85,030	98,32,107

N.B.—Construction Estimate of the Nira Canal closed on 31st March 1899, *vide* Government Resolution No. 1847, dated 2nd April 1900. Completion Report approved in Government Resolution No. 2367, dated 3rd December 1907.

Construction Estimate of the Shetphal Tank closed on 31st March 1906, *vide* Government Resolution No. 2434, dated 2nd October 1905.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17, *vide* Government Resolution No. A.I.—12227, dated 18th December 1917—Rs. 7,305.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21.	77,87,207	Net Revenue realized to end of 1920-21.	60,25,060
Interest charges for the year 1921-22.	2,10,577	Do. during 1921-22.	5,72,578
On Rs. 60,96,736 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 2,02,729.			65,97,638
On Subsequent outlay Rs. 1,28,574 at the average rate 6·1038 per cent. Rs. 7,848.		Balance net interest charges	14,00,146
		Total ...	79,97,784
Total ...	79,97,784		

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	1,84,874	2,315	1,87,189
2. Leave and Pension Allowances	1,85,234	122	1,85,356
3. Audit and Accounts Establishment	... ..	32	32
Total ...	3,70,108	2,469	3,72,577
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	1,55,813	11,225	1,67,038
3. Audit and Accounts Establishment	.....	792	792
Total ...	1,55,813	12,017	1,67,830

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ..	47,68,387	62,153	48,30,540	69,268	80,139	10,871	48,99,808	
Establishment ...	11,46,855	12,678	11,59,533	41,054	18,321	—22,733	12,00,587	
Tools and Plant ..	1,26,141	—3,036	1,23,105	12,293	1,394	—10,899	1,35,398	
Suspense Accounts ...	..	...	...	...	...	...	...	
Total ..	60,41,383	71,795	61,13,178	1,22,615	99,854	—22,761	62,35,793	
Less—Receipts on Capital Account ..	8,382	...	8,382	...	...	...	8,382	
Net Total ..	60,33,001	71,795	61,04,796	1,22,615	99,854	—22,761	62,27,411	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	1,83,159	1,715	1,84,874	2,315	2,550	235	1,87,189	
Leave and Pension Allowances ...	1,77,833	1,775	1,79,608	5,748	2,565	—3,183	1,85,356	
Audit and Account Establishment ...	...	...	...	32	280	248	32	
Total ...	3,60,992	3,490	3,64,482	8,095	5,395	—2,700	3,72,577	
Grand Total ...	63,93,993	75,285	64,69,278	1,30,710	1,05,249	—25,461	66,99,988	

			Rs.
Government Order (Public Works Department) No. 10162, dated 6th May 1920 (including supplementary estimate)		...	28,421
Do.	do.	No. 5370, dated 21st May 1918	... 3,813
Do.	do.	No. 4945, dated 8th May 1918	... 5,758
Do.	do.	No. 5142, dated 14th May 1918	... 2,563
Do.	do.	No. 3859, dated 25th March 1919	... 14,178
Do.	do.	No. 4449, dated 16th April 1919	... 5,352
Do.	do.	No. 6945, dated 21st July 1919	... 8,953
Revised Estimate Sanctioned in Government Resolution, No. 1126, dated 20th March 1922 ...			23,902
Supplementry Estimate to that sanctioned in Government Resolution No. 6945, dated 21st June 1919, sanctioned in Government Resolution, No. 1144, dated 14th March 1922 ...			12,751
		Total ...	1,05,249

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KA'SURDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
1. Water-rates from Irrigation ...	9,658	157	9,815	2. Main Canals and Branches ...	31	...	31
				3. Distributaries ...	80	...	80
3. Sales of water	20	...	20	Total ...	111	...	111
5. Plantations ...	2,714	...	2,807	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...		63		1. Head Works ...	19,625	95	19,720
11. Miscellaneous Receipts ...	7,173	1,255	8,428	3. Distributaries ...	4,019	283	4,302
				Total ...	23,644	378	24,022
Total ...	19,595	1,475	21,070	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	15,187	385	15,572
II.—INDIRECT RECEIPTS.				3. Executive ...			
				Total ...	15,187	385	15,572
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	V. TOOLS AND PLANT ...	1,826	10	1,836
				Total ...	40,768	773	41,541
Total, Receipts ...	19,595	1,475	21,070	Share of Collection Charges in the Civil Department.	481	8	489
				Total Direct charges ...	41,249	781	42,030
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,253	58	2,311
				Total, Charges ...	43,502	839	44,341
				Balance Net Revenue ...	−23,907	636	−23,271
Grand Total ...	19,595	1,475	21,070	Grand Total ..	19,595	1,475	21,070

N.B.—Last-Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878—*Vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 297, dated 21st June 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*Vide* Government Resolution No. A.I.—12227, dated 18th December 1917—Rs. 100.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

KA'SURDI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of 1921-22.

	Amount. Rs.		Amount. Rs.
Total interest charges to end of 1920-21 ...	*84,945	Net Revenue realized to end of 1920-21...	—23,907
Interest charges for the year 1921-22 ...	1,357	Net Revenue realized during 1921-22 ...	636
On Rs. 40,812 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—23,271
Subsequent outlay *nil*.		Balance net interest charges ...	1,09,573
Total ...	86,302	Total ...	86,302

*The amount was not adjusted under "Interest" in previous year.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	2,253	54	2,307
3. Audit and Accounts Establishment	.....	4	4
Total ...	2,253	58	2,311

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,02,421	5,818	1,08,239	1. Head Works ..	606	...	606
3. Sales of water ...	3	...	3	3. Distributaries ...	144	...	144
				Total ...	750	...	750
5. Plantations ...	10,493	62	10,634	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		79		1. Head Works ..	13,194	515	13,709
10. Fines	109	6	115	2. Main Canals and Branches ...	31,494	...	31,494
11. Miscellaneous Receipts	11,708	1,200	12,908	3. Distributaries ...	4,985	995	5,980
				Total ...	49,673	1,510	51,183
Total ...	1,24,734	7,165	1,31,899	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	41,452	1,535	42,987
				3. Executive ...			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	41,452	1,535	42,987
				V.—TOOLS AND PLANT ...	2,169	38	2,207
				VI.—REFUNDS OF REVENUE	16	...	16
Total, Receipts ...	1,24,734	7,165	1,31,899	Total ...	94,060	3,088	97,148
				Share of Collection Charges in the Civil Department	5,120	291	5,411
				Total Direct charges ...	99,180	3,374	1,02,554
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,845	230	6,075
				Total Charges ...	1,05,025	3,604	1,08,629
				Balance Net Revenue ...	19,709	3,561	23,270
Grand Total ...	1,24,734	7,165	1,31,899	Grand Total ...	1,24,734	7,165	1,31,899

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st October 1893, *vide* Government Resolution No. 326, dated 23rd February 1894. Completion Report approved in Government Resolution No. 328, dated 23rd February 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*Vide* Government Resolution No. A.I.—12327, dated 18th December 1917. Rs. 324.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-22.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-22.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1920-21	3,32,512*	Net Revenue realized to end of 1920-1921	19,709
Interest charges for the year 1921-22 on Rs. 2,12,199 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	7,056	Net Revenue realized during 1921-1922	3,561
			23,270
Subsequent outlay nil.		Balance net interest charges ...	3,16,298
Total ...	3,39,568	Total ...	3,39,568

* The amount was not adjusted under "Interest" in previous years.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	5,845	215	6,060
3. Audit and Accounts Establishment	.....	15	15
Total ...	5,845	230	6,075

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

BHÁDALVÁDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	1,092	...	1,092
1. Water-rates from Irrigation ...	1,26,131	4,161	1,27,292	3. Distributaries ...	158	...	158
3. Sales of water ...	18	...	18	Total ...	1,250	...	1,250
5. Plantations ...	13,197	100	13,324	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		27		1. Head Works ...	9,149	242	9,391
11. Miscellaneous Receipts	2,359	305	2,664	2. Main Canals and Branches ...	360	...	360
Total ...	1,38,705	4,593	1,43,298	3. Distributaries ...	35,407	1,100	36,507
				Total ...	44,916	1,342	46,258
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts... ...	37,813	1,364	39,177
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive			
				Total ...	37,813	1,364	39,177
				V.—TOOLS AND PLANT ...	2,010	34	2,044
Total, Receipts ...	1,38,705	4,593	1,43,298	VI.—REFUNDS OF REVENUE	46	...	46
				Total ...	86,035	2,740	88,775
				Share of Collection Charges in the Civil Department	6,154	208	6,362
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,298	204	5,502
				Total, Charges ...	97,487	3,152	1,00,639
				Balance Net Revenue ...	41,218	1,441	42,659
Grand Total ...	1,38,705	4,593	1,43,298	Grand Total ...	1,38,705	4,593	1,43,298

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1891—*Vide* Government Resolution No. 3411, dated 12th September 1893. Completion Report approved in Government Resolution No. 827, dated 17th May 1894.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17—*Vide* Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 224.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MALADEVI TANK.

TANK PROJECT.

No. 4—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921.	3,29,762*	Net Revenue realized to end of 1920-1921	41,218
Interest charges for the year 1921-1922 ...	7,087	Net Revenue realized during 1921-1922	1,441
On Rs. 2,13,115 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.		Balance net interest charges ...	42,659 2,94,190
Subsequent outlay nil.			
Total ...	3,36,849	Total ...	3,36,849

* The amount was not adjusted under "Interest" in previous year.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	... ..	.....
2. Leave and Pension Allowances	5,298	191	5,489
3. Audit and Accounts Establishment	.....	13	13
Total ...	5,298	204	5,502

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

MA'LA'DEVI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921...	2,42,190	Net Revenue realized to end of 1920-1921...	.....
Interest charges for the year 1921-1922 ...	10,043	Do. during 1921-1922 ...	.....
On Rs. 3,02,040 outlay to end of 1916-17 at the average rate 3·3252 per cent.			.....
Subsequent outlay nil.		Balance net interest charges	2,52,233
Total ...	2,52,233	Total ...	2,52,233

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	875	.....	875
2. Leave and Pension Allowances	9,013	.....	9,013
3. Audit and Accounts	.....	.....	.....
Total ...	9,888	.....	9,888

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	2,42,869	2,43,319	450	2,42,869	This work is a part of the Pravara River Irrigation Project, but separate account has been maintained until the new project is completed sufficiently to give an increased supply of water to the other canals—*vide* Government of India's No. 1951-1, dated 12th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908. Estimate amounting to Rs. 3,14,574 for direct and in the above project sanctioned in the Secretary of State's Despatch No. 27-P. W., dated 31st August 1917, communicated in Government of India's No. 613-I. of 16th November 1917—*vide* Government Resolution No. 3848 of 4th April 1918—has been shown here.
Establishment ...	...	...	...	60,546	60,653	107	60,546	
Tools and Plant...	...	...	...	1,473	1,473	...	1,473	
Suspense Accounts	...	...	...	...	...	...	...	
Total ...	...	...	...	3,04,888	3,05,445	557	3,04,888	
Less—Receipts on Capital Account.	...	...	...	2,848	774	—2,074	2,848	
Net Total ...	...	...	...	3,02,040	3,04,671	2,631	3,02,040	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue .	...	...	...	587	875	...	875	
Leave and Pension Allowances ...	...	...	...	9,013	9,028	15	9,013	
Audit and Accounts Establishment.	...	...	...	...	...	...	...	
Total ...	...	...	...	9,888	9,903	15	9,888	
Grand Total ...	...	...	...	3,11,928	3,14,574	2,646	3,11,928	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

BUDHIHAL TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1) Head Works.					
A. Preliminary Expenses	836	...	836	1,600	...
B. Land	8,174	...	8,174	30,204	...
C. Masonry Works	45,988	...	45,988	1,50,393	...
K. Buildings	5,696	...	5,696	5,696	...
L. Earth-work	3,28,697	...	3,28,697	7,62,720	...
O. Miscellaneous	5,043	...	5,043	7,707	...
P. Maintenance	5,012	400	5,412	4,651	...
Total, Head Works ...	3,99,446	400	3,99,846	9,62,971	...
(2) Main Canals and Branches.					
Total, Main Canals and Branches ...	...	...	...	*1,66,500	....
Total, I.—Works ...	3,99,446	400	3,99,846	11,29,471	...
II.—ESTABLISHMENT.					
1. & 2. Direction and Accounts	89,832	107	89,939	54,978	...
3. Executive				1,97,617	...
Total, II.—Establishment ...	89,832	107	89,939	2,52,590	...
III.—TOOLS AND PLANT ...	5,064	10	5,074	16,468	...
Grand Total ...	4,94,342	517	4,94,859	13,98,529	...
V.—*Less*—Receipts on Capital Account ...	2,676	433	3,109	...	...
Net Outlay ...	4,91,666	84	4,91,750	13,98,529	...
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	36,795	...	36,795		
Do. 48.—Minor Works and Navigation	29,588	...	29,588		
Do. 33.—Famine Relief ...	4,25,283	...	4,25,283	13,98,529	...
Do. 55.—Construction of Irrigation Works	...	84	84		
Total ...	4,91,666	84	4,91,750	13,98,529	...

*Lump sum provision in the Estimate.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

BUDHIHAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

		Amount.		Amount.
		Rs.		Rs.
Total interest charges to end of 1920-1921 ...		2,67,791	Net Revenue realized to end of 1920-1921...	.....
Interest charges for the year 1921-1922 ...		16,369		
On Rs. 4,91,086 outlay to end of 1916-17 at the average rate 3·3252 per cent.	Rs. 16,328		Do. during 1921-1922 ...	.....
On subsequent outlay Rs. 672 at the average rate 6·1038 per cent.	41		Balance net interest charges ...	2,84,160
	16,369			
Total ...		2,84,160	Total ...	2,84,160

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue...	5,741	.....	5,741
2. Leave and Pension Allowances	12,576	15	12,591
3. Audit and Accounts Establishment	.....	4	4
Total ...	18,317	19	18,336

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	3,99,846	11,29,471	7,29,625	3,99,846	Estimate sanctioned in the Secretary of State's Despatch No. 21 of 14th April 1905, as per Government of India's No. 793—I. of 17th June 1905, communicated in Government Resolution No. 2002 of 1st August 1905.
Establishment ...	...	...	...	89,939	2,52,590	1,62,651	89,939	
Tools and Plant...	...	...	...	5,074	16,468	11,394	5,074	
Total ...	...	...	...	4,94,859	13,98,529	9,03,670	4,94,859	
Less—Receipts on Capital Account.	...	...	...	3,109	...	—3,109	3,109	
Net Total ...	...	...	...	4,91,750	13,98,529	9,06,779	4,91,750	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	5,741	20,729	14,988	5,741	
Leave and Pension Allowances ..	...	...	...	12,591	35,362	22,771	12,591	
Audit & Accounts Establishment.	...	...	...	4	...	—4	4	
Total ...	...	...	...	18,336	56,091	37,755	18,336	
Grand Total ...	...	...	...	5,10,086	14,54,620	9,44,534	5,10,086	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-22.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses ...	45,160	...	45,160	34,252	.....
B. Land	22,873	1,680	24,553	3,59,630	.....
C. Works	46,04,783	12,13,160	58,17,943	68,58,647	.....
K. Buildings	1,89,664	17,831	2,07,495	95,391	.....
O. Miscellaneous	38,227	4,461	42,688	79,231	.....
P. Maintenance	54,889	9,790	68,679	60,552	.....
Total, Head Works ...	49,59,596	12,46,922	62,06,518	74,87,703	.....
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	2,38,540	2,085	2,40,625	1,84,517	.....
B. Land	1,71,290	27,648	1,98,938	2,03,625	.....
D. Regulators	132	—132	.....	1,68,981	.....
F. River and Hill Torrent Works ...	17,14,602	4,34,420	21,49,022	23,86,367	.....
G. Bridges	1,77,032	50,621	2,27,653	1,98,572	.....
H. Escapes	1,243	...	1,243	1,050	.....
K. Buildings	2,43,308	18,373	2,61,681	2,55,500	.....
L. Earth-work	61,55,873	4,50,612	66,06,485	63,43,621	.....
M. Plantations	48,892	7,679	56,571	35,000	.....
O. Miscellaneous	32,233	10,946	43,179	4,169	.....
P. Maintenance	65,157	13,700	78,857	90,000	.....
Q. Loss on Stock	489	45	534	.....	.....
Total, Main Canals and Branches ...	88,48,791	10,15,997	98,64,788	98,71,402	.....
Carried over ...	1,38,08,387	22,62,919	1,60,71,306	1,73,59,105	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	
Brought forward ...	1,38,03,387	22,62,919	1,60,71,306	1,78,59,105	.....
(3) Distributaries.					
A. Preliminary Expenses ..	69,640	5,383	75,023	5,910	.....
B. Land	.....	...	.....	1,47,480	.....
C. Works	4,651	55,333	59,984	27,94,027	.....
Total, Distributaries ...	74,291	60,716	1,35,007	29,47,417	.....
(5) Special Tools and Plant ...	13,39,419	1,96,752	15,36,171	.....	.....
Total, I.—Works ...	1,52,22,097	25,20,387	1,77,42,484	2,03,06,522	.....
II.—ESTABLISHMENT.					
1. & 2. Direction and Accounts ...	28,25,481	6,76,407	35,01,888	43,54,327	.....
3. Executive				21,801	.....
Total, II.—Establishment ...	28,25,481	6,76,407	35,01,888	43,76,128	.....
III.—TOOLS AND PLANT	7,42,842	73,397	8,16,239	3,26,613	.....
IV.—Suspense Accounts	4,92,629	—1,05,029	3,87,600	.....	.....
Grand Total ...	1,92,83,049	31,65,162	2,24,48,211	2,50,09,263	.....
V.—*Less*—Receipts on Capital Account.	15,581	10,443	26,024	.....	.....
Net Outlay ...	1,92,67,468	*31,54,719	2,24,22,187	2,50,09,263	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	1,92,67,468	...	1,92,67,468	2,50,09,263	.....
Chargeable to 55 Construction of Irrigation Works Provincial ...	.....	31,54,719	31,54,719		
Total ...	1,92,67,468	31,54,719	2,24,22,187	2,50,09,263	.....

*Includes expenditure on the Nira Valley Project as under :—

	Rs.
Works ...	555
Establishment ...	149
Tools and Plant.	14
	718

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-21...	31,08,310	Net Revenue realized to end of 1920-21 .	.....
Interest charges for the year 1921-22 ...	9,73,921	Net Revenue realized during 1921-22 ..	.....
On Rs. 1,07,39,412 outlay to end of the year 1916-17 at the average rate 3·8252 per cent.	Rs. 3,57,107	Balance net Interest charges ...	 40,82,231
On subsequent outlay Rs. 1,01,05,415 at the average rate 6·1038 per cent. ...	6,16,814		
Total ...	40,82,231	Total ...	40,82,231

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	60,404	31	60,435
2. Leave and Pension Allowances	3,95,567	94,697	4,90,264
3. Audit and Accounts Establishment	.....	25,204	25,204
Total ...	4,55,971	1,19,932	5,75,903

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.				Rs.	Rs.	Rs.	Rs.	Rs. 97,305 2,80,09,584 2,81,78,489 Estimate sanctioned in Secretary of State's Despatch No. 9, dated 13th January 1916 ... ... Revised Estimate sanctioned by Government Resolution No. 697, dated 15th February 1919 ... ... Revised Estimate sanctioned by Government Resolution No. 9826, dated 31st August 1920 ... ... Estimate for Nira Valley Development Project sanctioned in Government of India letter No. 451, Revenue (Irrigation), dated 15th November 1920 ... ... Estimate for Nira Valley Development Project sanctioned in Government Order No. 7, dated 6th November 1920 ... ...
Works	...	...	...	1,77,42,484	2,03,06,522	25,64,038	1,77,42,484	
Establishment	...	...	...	35,01,888	43,76,128	8,74,240	35,01,888	
Tools and Plant	...	...	...	8,16,239	3,26,613	—4,89,626	8,16,239	
Suspense Accounts	...	...	...	3,87,600	...	—3,87,600	3,87,600	
Total	...	...	...	2,24,48,211	2,50,09,263	25,61,052	2,24,48,211	
Less—Receipts on Capital Account ...	...	...	...	26,024	...	—26,024	26,024	
Net Total ..	...	...	...	2,24,22,187	2,50,09,263	25,87,076	2,24,22,187	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue...	...	...	...	60,435	1,91,025	1,30,590	60,435	
Leave and Pension Allowances ...	...	...	...	4,90,264	6,09,606	1,19,342	4,90,264	
Audit and Accounts Establishment ...	...	...	...	25,204	...	—25,204	25,204	
Total ...	...	...	...	5,75,903	8,00,631	2,24,728	5,75,903	
Grand Total ...	...	...	...	2,29,98,090	2,58,09,894	28,11,804	2,29,98,090	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

REVISION OF THE GOKAK CANAL EXTENSION PROJECT. (GOKAK CANAL SURVEY)

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Accounts.	Direct charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-22.	Total.		
		Rs.	Rs.	Rs.	
I.—WORKS.					
(1) *Main Canals and Branches.*					
A. Preliminary Expenses ...	.....	2,399	2,399	*	
Total, Main Canals and Branches ...	.....	2,399	2,399		
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	.....	800	800		
3. Executive	.....				
Total, Establishment ...	.....	800	800		
III.—TOOLS AND PLANT ...	.....	173	173		
Grand Total ...	.....	3,372	3,372		
V.—*Less*—Receipts on Capital Account Net Outlay ...	.....	3,372	3,372	31,500	
APPORTIONMENT.					
Chargeable to 55.—Construction of Irrigation Works, Provincial ...	.....	3,372	3,372	31,500	
Total ...	.....	3,372	3,372	31,500	

* Total estimate amounting to Rs. 31,500 is sanctioned—*vide* Statement No. 6.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1920-1921	.....	Net Revenue realized to end of 1920-1921	.....
Interest charges for the year 1921-1922	103	Net Revenue realized during 1921-1922	.....
On Rs. 1,686 half outlay for the year 1921-1922 at the average rate 6·1038 per cent.		Balance net interest charges ...	103
Total ...	103	Total ...	103

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

REVISION OF THE GOKAK CANAL EXTENSION PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
		Rs.	Rs.
CAPITAL—			
2 Leave and Pension Allowances	.....	112	112
3 Audit and Accounts Establishment	.....	24	24
Total ...	.....	136	136

No. 6.—Statement comparing Charges to date with sanctioned estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.				Rs.	Rs.	Rs.	Rs.	
Works				2,399	...	...	2,399	
Establishment ...				809	...	...	809	
Tools and Plant ...				173	...	...	173	
Suspense Accounts ...				...	...	...	...	
Total ...				3,372	...	...	3,372	
Less—Receipts on Capital Account ...				...	...	...	...	
Net Total ...				3,372	31,500	28,128	3,372	Estimate sanctioned in Government Resolution No. W.I. (P.W.D.) 2783, dated 14th February Rs. 31,500.
INDIRECT CHARGES.								
Leave and Pension Allowances ...				112	...	—112	112	
Audit and Accounts Establishment ...				24	...	—24	24	
Total ...				136	...	—136	136	
Grand Total ...				3,508	31,500	27,992	3,508	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

VICTORIA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1921-1922.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	...	...	...	600	...
B. Land	4,052	...	4,052	13,200	...
C. Masonry Works	2,352	...	2,352	66,033	...
K. Buildings	...	...	...	1,000	...
L. Earth-work	45,742	...	45,742	2,72,099	...
P. Maintenance	732	20	754	712	...
Total, Head Works ...	52,878	20	52,900	3,47,644	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	...	...	...	200	...
B. Land	...	...	...	80	...
C. Masonry Works	...	...	...	4,500	...
K. Buildings	...	...	...	200	...
L. Earth-work	...	...	...	1,420	...
Total, Main Canals and Branches ...	...	...	...	6,400	...
Total, I.—Works ...	52,878	20	52,898	3,54,044	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	11,157	6	11,163	17,038	...
3. Executive				61,337	...
Total, II.—Establishment ...	11,157	6	11,163	78,375	...
III.—Tools and Plant	724	1	725	5,111	...
Grand Total ...	64,759	27	64,786	4,37,530	...
V.—*Less*—Receipts on Capital Account ...	1,804	145	1,949	...	...
Net Outlay ...	62,955	—118	62,837	4,37,530	...
APPORTIONMENT.					
Chargeable to 55.—Construction of Irrigation Works ...	.....	—118	—118	4,37,530	...
Do. 43.—Minor Works and Navigation ...	18,251	...	18,251		
Do. 33.—Famine Relief ...	44,704	...	44,704		
Total ...	62,955	—118	62,837	4,37,530	...

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

VICTORIA TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1920-1921	30,783	Net Revenue realized to end of 1920-1921	.....
Interest charges for the year 1921-1922	2,322		
On Rs. 54,565 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ...	Rs. 1,814	Net Revenue realized during 1921-1922	.....
On subsequent outlay Rs. 8,331 at 6·1038 per cent. ...	508		.....
		Balance net intrest charges ...	33,105
Total ...	33,105	Total ...	33,105

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	2,463	...	2,463
2. Leave and Pension Allowances	1,563	1	1,564
Total ...	4,026	1	4,027

No. 6.—Statement comparing Charges to date with Sanctioned estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	52,898	3,54,044	3,01,146	52,898	
Establishment ...	...	...	...	11,163	78,375	67,212	11,163	
Tools and Plant ...	...	...	...	725	5,111	4,386	725	
Total ...	...	...	...	64,786	4,37,530	3,72,744	64,786	
Less—Receipts on Capital Account ...	...	...	...	1,949	...	–1,949	1,949	
Net Total ...	...	...	...	62,837	4,37,530	3,74,693	62,837	Government of India's No. 449-I. of 22nd March 1905—*vide* Government Resolution No. 1218 dated 6th May 1905.
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	2,463	12,500	10,037	2,463	
Leave and Pension Allowances	...	...	...	1,564	10,973	9,409	1,564	
Total ...	...	...	...	4,027	23,473	19,446	4,027	
Grand Total ...	...	...	...	66,864	4,61,003	3,94,139	66,864	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

SUKI RIVER.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1921-1922.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1920-1921	4,927	Net Revenue realized to end of 1920-1921	.....
Interest charges for the year 1921-1922.	503	Net Revenue realized during 1921-1922	.....
On Rs. 15,139 outlay to end of the year 1916-1917 at the average rate 3·3252 per cent.			.....
Subsequent outlay nil		Balance net interest charger ...	5,430
Total ...	5,430	Total ...	5,430

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	385	.....	385
Total ...	385	.....	385

No. 6.—Statement comparing Charges to date with Sanctioned estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	12,212	...	—12,212	12,212	Undertaken as a Famine Relief Work and the famine outlay at normal rates has been adjusted during the year 1911-1912. Outlay without estimate approved in Government Resolution No. A.I.—6022, dated 7th June 1913.
Establishment ...	...	...	...	2,749	...	—2,749	2,749	
Tools and Plant ...	...	...	...	178	...	—178	178	
Total ...	...	...	...	15,139	...	—15,139	15,139	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	...	...	...	15,139	...	—15,139	15,139	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	...	...	...	385	...	—385	385	
Total ...	...	...	...	385	...	—385	385	
Grand Total ...	...	...	...	15,524	...	—15,524	15,524	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 3.—Revenue Account for, and to end of, 1921-1922.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,27,684	23,885	5,51,569	I.—EXTENSIONS AND IMPROVEMENTS ...	25,41,482	1,35,517	26,76,999
3. Sales of water ...	1,171	1,201	2,372				
4. Water-supply of towns ...	1	...	1				
5. Plantations ...	3,13,228	2,280	3,26,405	II.—MAINTENANCE AND REPAIRS ...	1,19,35,312	10,06,979	1,29,42,291
6. Other canal produce		10,952					
8. Navigation ...	87	174	261				
9. Rents of buildings.	34,464	97	34,561				
10. Fines	40,679	748	41,427				
11. Miscellaneous Receipts ...	4,55,480	13,979	4,69,459	IV.—ESTABLISHMENT.			
12. Recoveries of Expenditure ...	.....	3,906	3,906	1 & 2. Direction and Accounts ...	28,53,488	2,31,097	30,84,585
13. Deduct-Refunds	.....	98	98				
Receipts from 1874-75 to 1899-1900	12,02,054	...	12,02,054	3. Executive			
Total ...	25,74,843	57,074	26,31,917				
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	4,86,53,193	24,09,656	5,10,62,849	V.—TOOLS AND PLANT ...	16,695	(a) 28,009	44,704
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated respectively 20th June and 1st Aug. 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	9,32,903	51,820	9,84,723	VI.—REFUNDS OF REVENUE ...	443	...	443
				Suspense Accounts ...	15,716	1,51,627	1,67,343
				Total ...	1,73,63,136	15,53,229	1,89,16,365
Receipts from 1874-75 to 1899-1900 ...	4,71,38,677	...	4,71,38,677				
				Share of Collection Charges in the Civil Department	23,73,788	1,46,361	31,20,149
Total ...	9,67,24,773	24,61,476	9,91,86,249				
Total, Receipts ...	9,92,99,616	25,18,550	10,18,18,166	Total direct charges ...	2,03,36,924	16,99,590	2,20,36,514
Note—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Charges from 1874-75 to 1899-1900 ...	2,22,85,677	...	2,22,85,677
				Indirect Charges debitable to Revenue Account as per Account No. 5	...	43,779	43,779
				Total Charges ...	4,26,22,601	17,43,369	4,43,65,970
To end of 1920-1921 ... Rs. 47,09,329							
Less for 1921-1922 ... 1,53,222				Balance Net Revenue ...	5,66,77,015	7,75,181	5,74,52,196
Total ... 42,53,051							
Grand Total ...	9,92,99,616	25,18,550	10,18,18,166	Grand Total ...	9,92,99,616	25,18,550	10,18,18,166

N.B.—This account has been prepared in accordance with the instructions contained in Government of India's No. 686-C.W.I., dated 10th June 1901, communicated in Government Resolution No. A.I.—1453, dated 12th July 1901.

(a) Includes Rs. 3,906 on account of recoveries for tools and plant adjusted by credit to revenue receipts.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1921-1922.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 5.—Account for Indirect charges for, and to end of, 1921-1922.

Particulars.	Previous.	1920-1921.	Total.
		Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	.....	32,354	32,354
3. Audit and Accounts Establishment	.....	11,425	11,425
Total ...	.....	43,779	43,779

N. B.—This account is prepared as per Article 314 of the Account Code.

Kd 32—44

BOMBAY: PRINTED AT THE GOVERNMENT CENTRAL PRESS.

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, DECCAN AND GUJARAT,

FOR THE YEAR 1921-1922.

STATEMENT

Statement of Canals in the Bombay Presidency.

Source of Supply of Water.	(3) Hathmati and Khari Cut Canals.		(12) Jamda Canals.	(18) Krishna Canal.	(20) Revdri Canal.	(23) Chikhli Canal.	(26) Gokak Canal, 1st Section, and Storage Works.	(31) Dharma Canal.
	Hathmati Canal.	Khari Cut Canal.	Girna River.	Krishna River.	River Warna.	River Nandni.	River Ghataprabha and Storage Works.	Dharma River.
Minimum discharge per second.	K. 8	8	K. 27	K. 109·48	K. 1·20	...	K. Flood.	K. Nil.
	R. 47	27	R. 13	R. 49·28	R. 1·34	...	R. 41·13	.....
	H. W. 8	15	H. W. ...	H. W. 3·39	H. W. 1·08	...	H. W. Nil.	H.W. Nil.
							Canal. Mills.	
Maximum discharge of canal.	K. 323	230	Left Bank. K. 48	Right Bank. 24			K. 66 68	K. 424·79
	R. 224	274	R. 62	22	104·10	4·73	R. 66 68	R. 61·56
	H. W. 20*	16	H.W. 52	20			H. W. 16·50 68	.....
Average annual rainfall ... Inches.	K. 23·30	23·58						
	R. 0·69	0·73		25·05	25·48	20·80	22·09	21·01	77·68
			Left Bank.	Right Bank.				
Gross area commanded ... Acres.	44,744	32,000	37,122	9,166	28,327	3,313	1,671	18,668	13,562
Culturable do. ... „	28,340	20,000	33,124	7,061	26,453	3,324	1,478	17,627	12,870
Area irrigable by complete project ... ... „	11,336	10,000	3,500	1,500	12,320	1,320	1,478	17,627	12,870
Area irrigable at present ... „	8,000	10,000	3,500	1,500	12,320	1,320	1,478	17,627	12,870
Sanctioned Estimate—									
Direct charges ... ... Rs.	4,94,795	5,79,673		10,27,238	3,20,067	56,324	53,803	13,19,115	95,582
Indirect charges ... ... „	30,000	30,651		61,402	48,216	3,124	3,612	76,902	2,752
Interest during construction . „	2,37,597	.....		.....	7,83,613	...	...	1,44,865	.....
Total, Estimate ... Rs.	7,62,392	6,10,329		10,88,640	13,60,896	59,448	57,415	15,40,882	98,334
Expenditure to end of 1921-22. Direct charges ... Rs.	4,90,925	7,50,058		9,91,178	8,92,977	55,771	53,803	13,01,750	95,509
Indirect charges. „	26,913	47,207		49,911	51,482	3,040	3,639	80,172	2,323
Interest during construction ... „	2,37,687	370		.....	7,83,061	...	...	2,41,093	.....
Total, Expenditure ... Rs.	7,55,525	7,98,135		10,41,089	17,27,520	59,811	57,442	16,23,015	97,832
Works as now sanctioned—									
Main Canals, Irrigation ... Miles.	21	31		39	35·25	5·06	6·50	4·10	19·00
Branch Canals do. „ „	.....	8		.....	28·25	5·25	...	12·03	8·15
Distributaries ... ... „	25	27		75	...	...	...	35·43	3·71
f above—									
Navigable Channels ... Miles.	.....	.....		.....	...	...	...	...	...
'orks completed at end of 1921-1922—									
Main Canals, Irrigation ... Miles.	21	31		39	35·25	5·00	6·50	4·10	19·00
Branch Canals do. ... „	.....	8		... ...	28·62	5·25	...	12·03	8·15
Distributaries ... ... „	53	29·5		75	...	...	...	35·43	3·71
above—									
Navigable Channels ... Miles.	.....	.....		.....	...	...	...	.....	.....

* Measured on 25th February.
† Estimated rainfall in the catchment.
‡ As reported by the Superintending Engineer, Deccan Irrigation Division
(a) The culturable and irrigable areas commanded as given in the second revised project of the Pravara River Works are 1,82,976 and 57,000 acres, respectively, these include the old areas (culturable and irrigable at present) under Lakhi Canal, viz., 25,536 and 11,780 acres, respectively. The balance is distributed between the two Pravara canals in proportion to their gross commands.

I-A.

excluding Sind, for the year 1921-1922.

(32) Kádva River Works.			(33) Girna Left Bank.	(34) Pravara River works.	(35) Godávari Canals.		(36) Pravara River works.	(38) Pravara River works.	(40) Nira Left Bank Canal.	(46) Nira Right Bank Canal.
Pálkhed Canal.	Ojhar Támbat Canal.	Wadáli Canal.	Chankapur Tank.	Lákh Canal.	Right Bank Canal.	Left Bank Canal.	Pravara Right Bank Canal.	Pravara Left Bank Canal.		
Kádva River.	Bánganga River.	Kádva River.	Girna River.	Pravara River.	Godávari River.		Pravara River.	Pravara River.	River Nira and Reservoir at Bhátghar.	River Nira and new Reservoir at Bhátghar.
K. 123	K. 2	K. 2	K. 261	K. 2	K. 29	K. 18	K. 18	K. 44	K. 1,318	
R. Supplied from Wagkhád tank	R. Supplied from Wagkhád tank	R. 2	R. 29	R. 2	R. 33	R. 36	R. 19	R. 59	R. 34	
H.W.	H.W.	H.W. 1	H.W. Supplied from Chankapur Tank.	H.W. 1	H.W. 33	H.W. 25	H.W. 7	H.W. 23	H.W. 5	
K. 53	K. 12	K. 15	K. 42	K. 20	K. 285	K. 209	K. 134	K. 266	456	
R. 62	R. 16	R. 10	R. 45	R. 10	R. 282	R. 218	R. 81	R. 122		
H.W. 30	H.W. 12	H.W. 7	H.W. 41	H.W. 8	H.W. 189	H.W. 117	H.W. 49	H.W. 93		
25·82	19·71	20·02	18·00	22·33	19·15	20·15	20·45	21·70	20·43	145†
28,832	8,055	3,486	29,182	29,917	1,44,310	83,030	(a)73,763	(a)1,25,044	2,74,447	5,59,657
25,280	7,421	2,729	25,200	25,536	1,36,390	83,000	(a)58,415	(a)99,025	2,27,670	4,47,726
23,466	6,824	2,433	8,500	22,760	49,331	30,109	(a)16,960	(a)28,760	1,13,280	1,32,000
9,837	2,367	2,433	8,500	11,280	49,331	30,109	16,960	23,760	1,13,280	.....
2,38,087	14,541	29,771	19,69,449	3,75,189	95,46,098		1,43,83,925		57,34,655	4,76,28,007
15,761	833	1,540	67,634	20,277	4,90,702		6,99,556		3,69,780	14,82,853
2,12,554	2,411	32,150	.....	3,65,298	... ..		.....		28,44,872	.....
4,66,402	17,785	63,461	(b) 20,37,083	7,60,764	(b) 1,00,36,800		(b)1,50,83,481		(c)89,49,307	4,91,10,860
2,71,376	7,186	28,391	19,68,072	3,52,446	97,16,207		1,14,92,369		62,27,411	2,24,22,187
17,216	647	2,354	66,631	19,445	4,95,432		3,81,181		3,72 577	5,75,903
3,17,565	5,044	45,031	9,82,013	3,55,414	36,95,131		25,11,799		79,97,784	40,82,231
6,06,167	12,877	75,676	30,16,726	7,27,305	1,39,06,770		1,43,86,349		1,45,97,772	2,70,80,321
11·00	8·00	8·62	(c)18·61	23·00	(d) 69·00	(d) 48·00	(d) 33·00	(d) 47·12	100·25	110
.....	.....	...	.....	...	(d) 5·00	.....	.....	(d) 12·00	.....	.....
21·50	.....	...	(e)20·80	11·00	(d) 42·25	(d) 15·25	(d) 13·00	(d) 81·25	139·00	.....
.....	.....	...	.....	...	.....	.....	.....	...	.....	.....
11·00	4·50	8·62	(d)18·61	23·00	(d) 69·00	(d) 48·00	(d) 33·00	(d) 47·12	100·25	.....
.....	.....	...	.....	...	(d) 5·00	.....	.....	(d) 12·00	.....	.....
14·36	.....	...	(d)20·80	9·37	(d) 42·25	(d) 15·25	(d) 13·00	(d) 81·25	139·00	.....
.....	.....	...	.....	...	.....	.....	.....	..	.....	.....

(b) These figures are for the whole project.
(c) These figures do not include the amount of widening the Nira Left Bank Canal.
(d) As actually completed.
(e) Includes the Girna Left Bank Canal extension as irrigation has begun on the extension.

Note.—As irrigation has begun on the extended Pravára Left Bank Canal figures shown in the statement are for the new canal. The figures for the Old Pravara Left Bank Canal are not shown.

STATEMENT

Statement of Reservoir Projects in the

	(1)	(2)	(3)	(4)	(5)A	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Source of Supply.	Gadi-kari Tank.	Mi-ninga Tank.	Wan-gvoli Tank.	Tranga Tank.	Nagram-ma Tank.	Sévli Tank.	Salat Nala.	Fulcino Tank.	Lower Pálhna River Works and Mutli Tank.	Hartila Tank.	Mhasva Tank.	Bhatoli Tank.	Ekruk Tank.	Kore-gaon Tank.	Ashti Nala.	Pálhri Tank.	Mhasva Tank.
	Nálu.	Nálu	Khasrwa Nálu.	Málsar Drainage Channel.		Gádla Nálu.	Salat Nálu.	Fulcino Nálu.	Local Streams.	Local Streams.	Local Streams.	Mahekri River.	Adbela River.	Nálu.	Ashti Nálu.	Yerai River.	Mir River.
If supplied by rainfall. { Area of catchment ... Sq miles.	4·88	6·22	18	NIL. *	1·5*	11	12·5	7	54·22	6·80	13·40	44	159	7	93	37·5	55
Average annual rainfall ... Inches.	29·40	45·42	30·02	26 17	29·17	29·06	26·36	25·02	* 20·37	30·22	27·70	25·40	29·44	27·13	24·40	31·49	
Contents of tanks between levels of surface of full supply and sill of canal head sluice. { M. Millions of cubic feet.	27·50	45·75	212·00	79·07	97·14 {	172·27 † 210·00‡	139	56	324	124	172	354 (76 63) at crest of dutlet of R. 345	3,810	94·35	1,419	407	2,20
Area of surface at full supply. { Acres and decimals.	119	176	594·87	496·00	572·00	557·00	662·61	195·5	509	479	421	1,345	4,651	205	2,680	681	4,012
Gross area commanded . Acres.	687	872	5,000	1,000	500	4,700	4,000	1,500	13,117	584	4,647	15,126	17,152	2,334	17,883	5,000	129,36
Culturable do. ... ,,	637	755	5,000	888	462	4,700	4,000	1,200	12,627	527	4,075	13,557	16,941	2,334	16,825	4,680	108,21
Area irrigable by completed project. ,,	450	736	3,000	500	300	3,000 {	2,000 to 2,500 }	800	12,627	415	1,700	(2,124	16,041	1,000	11,730	2,500	24,80
Do. at present. ,,	417	617	2,400	500	300	2,000	2,000	800	12,627	415	1,700	12,124	13,241	1,050	11,730	2,500	24,80
Wells supplied by tanks. No.	Not known.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Sanctioned Estimate—																		
Direct Charges ... Rs.	16,900	30,372	2,01,575	2,61,048		2,25,791	1,54,133	1,03,119	4,44,486	48,800	1,59,819	3,51,767	13,28,243	40,731	7,54,252	9,43,141	20,51,327
Indirect Charges ... ,,	541	4,065	46,993	53,686		23,819	32,619	8,639	22,774	26,150	10,202	25,513	1,06,687	1,518	80,677	26,715	1,03,0
Interest during construction ... ,,	...	...	...	...		...	...	...	2,37,421	...	...	...	8,00,650	...	...	...	6,56,221
Total Estimate ... Rs.	17,531	34,384	2,48,544	3,13,734		2,49,222	1,86,752	1,10,758	7,04,681	79,940	1,70,015	3,77,278	21,35,580	42,249	8,34,927	9,72,856	27,54,58
Expenditure to end of 1921-22. { Direct Charges. Indirect Charges. Interest during construction ... ,,	Rs. 16,363	30,188	2,40,227	2,99,032		2,34,170	1,68,452	1,07,316	4,46,353	47,943	1,33,781	3,52,985	12,25,117	37,923	7,57,660	6,27,125	20,05,53
	555	3,319	50,703	43,603		21,031	25,577	9,105	23,339	26,454	19,178	27,022	1,12,990	1,266	79,041	35,921	90,42
	...	...	...	...		...	...	...	4,18,839	...	...	...	10,27,893	...	...	...	14,46,42
Total Expenditure ... Rs.	16,918	33,504	2,90,930	2,99,635		2,55,201	1,94,029	1,16,421	8,87,460	73,382	1,52,959	3,79,707	23,65,979	39,189	8,36,691	6,63,040	34,41,52
Works as now sanctioned—																		
Dam (earth or masonry) ...	Earth.	Earth	Earth.	Earth.		Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonry	Earth.	2 dams, 1 earth & 1 masonry.	Earth.	Earth.	Earth.
Total height ... Feet.	29·00	30·53	27·18	16·84		17·12	27·5	22·14	34·09	25	51·50	44	50	73	71 & 19	57·75	69·75	79·79
Canals ...Miles.	...	...	13·79	5·25		2·25	6·25	9·25	4·25	...	...	...	4·50	48	3·75	27·50	6·66	(7)66·25
Distributaries ... ,,	1·50	2·72	...	...		...	1·22	0·85	...	45	5·50	7	5·50	1·03	...	3·15	3·33	43·56
Works completed at end of 1921-22— Dam (height completed) ... Feet.	29·00	30·53	27·18	16·84		17·12	27·5	22·14	34·09	25	51·50	44	50	73	71 & 16	57·75	69·75	79·79
Canals ...Miles.	...	...	...	17·29		2·25	6·25	9·25	3·25	...	...	...	4·50	48	3·75	27·50	4·66	(7)66·25
Distributaries ... ,,	1·50	2·72	...	...		...	1·22	1·72	...	45	5·50	7	5·50	1·03	...	3·15	3·33	43·56

* The catchment area of the drainage channel is 13 square miles in addition.
† At provisional F. S. L. R. L. 102·50.
‡ At original F. S. L. R. L. 100·00
§ Estimated rainfall in the catchment.
(a) Figures given in Statement I-A.
(b) The tank supplies the Girna Left Bank Canal.
(c) Above lowest foundations.
(d) Above lowest point in river bed.
(e) This area is also commanded by the Nira Left Bank Canal.
(f) Includes 381 miles of Branch Canal.
(g) The tank supplies the Pálkhed, Ojhar Támbet, and Wadali Canals and their distributaries as noted in Statement I-A.
(h) Storage available after deducting 500 m. cft. which cannot be used on account of the Poona water-supply.
(i) Includes 7,133 acres commanded by Matoba Tank.
(j) After deducting silt deposits.

II-A.

Bombay Presidency, excluding Sind, for 1921-1922.

(21) Upper Vaitarna River Works (Pauri Tank).	(22) Yerla River Irrigation Works (Nehru Tank).	(24) Malad Tank.	(25) Mushkundi Tank.	(26) Gokak Canal, 1st Section, and Storage Works.	(27) Dombal Tank.	(28) Modkeri Tank.	(29) Madag Tank.	(30) Asundi Tank.	(32) Kadva River Works (Waghad Tank).	(33) Chanskapur Tank Girna Left Bank Canal.	(35) Dárna Reservoir Godsvari Canals.	(37) Paruel Tank.	(39) Mutha Reservoir, Lake Fife Mutha Canals.	(39)A Matoba Tank.	(40) Bhatghar Reservoir, Nira Canal.	(40)A Shirpal Tank.	(41) Kasurdi Tank.	(42) Shirsuphal Tank.	(43) Bhidadi Tank.
Mán River.	Yerla River.	Wanga Nálá	Mushkundi Nálá.	Ghataprabha River, Ghat Catchment.	Nálá.	Modkeri Nálá.	Kumadwati River.	Nálá.	Kelvan River, Ghat Catchment.	Girna River.	Dárna River.	Paruel River.	Mutha River, Ghat Catchment.	Small Nala and Mutha Right Bank Canal.	Yelvandi River, Ghát Catchment.	Nira Canal.	Kasurdi Nala.	Deccan Tributary of the Bhima River.	Deccan Tributary of the Bhima River.
29·00	29·55	31·10	24·00	1,093	43	11	540	23	29	100	156	17·33	196	10	129	2·33	6	23	23
19·10	24·65	21·04	23·16	21·01	17·00	15·50	25·40	19·63	47·96	34·62	26·43	17·26	5138	16·11	3145	19	17·39	16·65	19·10
122	439	133	624	907·252	113·66	57·60	54·63	74·00	606	1,542	3,816·30	118·70	(h) 3,447	(j)220	5,813	572	(j) 914	(j) 356·64	(j) 190·10
340	676	437	1,059	2,731·86	642	189	363	418	778	1,045·42	3,564·02	151	3,753	617·40	4,775	893	379	353·79	336·18
3,443	11,234	4,876	5,570	(a)	3,000	1,916	3,951	1,900	(j)...	(a)...	(a)...	3,337	24,087	10,700	(c)25,000	597	4,500	3,000	
7,623	16,650	4,625	5,617	(a)	2,500	851	1,945	1,011	(j)...	(a)...	(a)...	3,197	(i)49,800	7,133	(c)26,000	473	2,500	2,400	
2,683	6,000	4,625	2,417	(a)	2,500	1,052	2,126	1,011	(j)...	(a)...	(a)...	1,000	16,800	3,250	No irrigation direct from the Reservoir.	4,200	150	1,800	2,000
2,053	5,403	4,625	750	(a)	1,000	600	1,545	1,012	(j)...	(a)...	(a)...	1,000	16,800	3,250		4,200	150	1,800	2,000
29	28	13	...	41	Uncertain.	...	...	...	...	...	...	...	...	...		...	...	...	...
4,10,241	3,98,754	3,98,999	1,48,200	(a)	61,162	78,337	2,22,563	67,751	4,67,068	(a)...	(a)...	2,15,382	64,62,816	1,58,000	(a)...	7,04,462	40,812	2,09,460	2,14,382
23,190	45,599	23,492	20,220	(a)	2,744	3,469	17,144	12,754	16,335	(a)...	(a)...	9,246	2,95,748	17,500	(a)...	46,435	4,778	13,922	14,342
...	...	...	...	(a)	...	...	...	...	2,17,253	(a)...	(a)...	...	56,54,500	...	(a)...	58,167	...	...	...
4,44,631	7,65,314	3,99,502	1,68,420	(a)	64,906	81,806	2,40,407	80,465	7,01,730	(a)...	(a)...	2,33,813	1,23,73,762	3,10,500	(a)...	8,06,064	45,590	2,22,382	2,28,724
4,15,335	7,19,542	4,02,125	1,40,217	(a)	60,847	78,354	1,81,843	60,751	6,64,858	(a)...	(a)...	2,09,007	62,45,810	Included in the Mutha Canal.	(a)...	(a)...	40,812	2,13,199	2,13,115
28,451	45,328	28,625	18,400	(a)	3,133	3,038	8,250	14,254	43,226	(a)...	(a)...	6,966	2,95,813		(a)...	(a)...	4,778	12,349	14,207
...	...	...	...	(a)	...	...	...	...	4,45,241	(a)...	(g)...	...	1,18,73,468		(a)...	(a)...	...	...	...
4,43,786	7,64,870	4,27,650	1,58,707	(a)	63,980	81,392	1,87,598	74,905	11,53,325	(a)...	(a)...	2,14,986	1,84,13,419	...	...	(a)...	(a)...	45,690	2,24,568	2,27,422
Earth	Earth.	Earth.	Masonry	Masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonry	Masonry	Earth.	Masonry.	Earth.	Masonry.	Earth.	Earth.	Earth.	Earth.
53·50	75	57·33	60·00	27 ft. (maximum above foundation).	42·25	41	100	33·95	95	93	93	63·27	97·84	49·41	{127(c) 106(d)}	66	33·45	54·33	55·09
17·50	33·33	9·25	5·5	16·13	...	...	9	...	(g)...	(g)...	(c)...	...	88	...	(a)...	9·54	...	...	...
9·50	4	7·58	2·25	35·43	3·27	5·54	...	4·56	(g)...	(c)...	(a)...	4·75	70	17	(a)...	...	1·75	13·50	9·75
53·50	75	57·33	60·00	27·00	42·25	41	100	33·95	95	92	93	63·27	97·84	49·41	{127(c) 108(d)}	66	33·45	54·33	55·09
17·50	33·33	9·25	5·5	4·10 Main Canal 12·03. Wadarhalli Branch,	...	...	9	...	(g)...	(g)...	(c)...	...	88	...	(a)...	9·54	...	...	...
9·50	4	7·58	2·25	35·43	3·27	5·54	...	4·56	(g)...	(c)...	(a)...	4·75	67	17	(a)...	...	1·75	13·50	9·75

STATEMENT

Capital Account of Irrigation Works in Deccan

Name of Work.	During Year.									
	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pensions Allowances.	Audit and Account.	Total.
1	2	3	4	5	6	7	8	9	9a	10
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE.										
Works in Operation.										
1. Gadikeri	...	...	...	...	...	...	...	...	...	...
2. Mávinkop Tank	...	...	...	...	...	...	...	...	...	...
Total, Productive	...	...	...	...	...	...	...	...	...	...
UNPRODUCTIVE.										
Works in Operation.										
3. Háthmati and Khári Cut Canals ...	...	...	...	...	...	...	...	...	...	...
4. Wangroli Tank	...	...	...	...	...	...	...	...	...	...
5. Tranza-Nagrana Tank	...	...	...	...	...	...	...	...	...	...
6. Savli Tank	...	...	...	...	...	...	...	...	...	...
7. Sahiat do.	...	...	...	...	...	...	...	...	...	...
8. Futelao do.	...	...	...	...	...	...	...	...	...	...
9. Lower Pánjhra River Works	...	...	...	...	...	...	...	...	...	...
10. Hartola Tank	...	...	...	...	...	...	...	...	...	...
11. Mhasva do.	...	...	...	...	...	...	...	...	...	...
12. Jámda Canals	...	...	...	...	...	...	...	...	...	...
13. Bhátodi Tank	...	...	...	...	...	...	...	...	...	...
14. Ekruk do.	...	...	...	...	...	...	...	...	...	...
15. Koregaon do.	...	...	...	...	...	...	...	...	...	...
16. Ashti do.	...	...	...	...	...	...	...	...	...	...
17. Páthri do.	...	...	...	...	...	...	...	...	...	...
18. Krishna Canal	...	...	...	...	...	...	...	...	...	...
19. Mhasvad Tank	...	...	...	...	...	...	...	...	...	...
20. Revári Canal	...	...	...	...	...	...	...	...	...	...
21. Upper Mán River Works	...	...	...	...	...	...	...	...	...	...
22. Yerla River Irrigation Works	...	...	...	...	...	...	...	...	...	...
23. Chikhli Canal	...	...	...	...	...	...	...	...	...	...
24. Mainí Tank	...	...	...	...	...	...	...	...	...	...
25. Muchkundi do.	...	...	...	...	...	...	...	...	...	...
26. Gokák Canal, 1st Section and Storage Works	...	...	...	...	...	...	...	...	...	...
27. Dámbal Tank	...	...	...	...	...	...	...	...	...	...
28. Medleri do.	...	...	...	...	...	...	...	...	...	...
Carried over ...	...	...	...	...	...	...	...	...	...	...

I-B.

and Gujarát for, and to end of, 1921-1922.

Grand Total.	To end of Year.											Grand Total.
	Direct Charges.						Indirect Charges.					
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Accounts.	Total.		
11	12	13	14	15	16	17	18	19	19a	20		21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
...	13,105	3,118	140	16,363	...	16,363	13	542	...	555		16,918
...	23,738	6,232	363	30,333	138	30,195	2,101	1,218	...	3,319		33,504
...	36,843	9,350	493	46,686	138	46,548	2,114	1,760	...	3,874		50,422
..	10,05,076	2,24,187	13,189	12,42,452	1,469	12,40,983	36,536	33,392	...	74,990		13,15,973
...	2,11,923	27,931	1,226	2,40,970	743	2,40,227	46,793	3,910	...	50,703		2,90,930
...	2,22,942	14,168	924	2,38,034	2	2,38,032	40,030	1,983	...	42,003		2,80,035
...	2,03,183	30,269	1,974	2,34,426	247	2,34,179	16,793	4,238	...	21,031		2,55,210
...	1,34,805	22,199	1,448	1,58,452	...	1,58,452	22,470	3,107	...	25,577		1,84,029
...	88,823	17,325	1,209	1,07,356	...	1,07,356	6,880	2,425	...	9,105		1,16,461
...	3,67,303	74,888	3,228	4,45,419	37	4,45,382	8,694	14,545	...	23,239		4,68,621
...	33,487	11,936	2,579	47,962	14 6	47,948	23,052	2,382	...	25,434		73,382
..	1,01,259	25,399	1,729	1,28,787	6	1,28,781	5,025	5,149	...	10,175		1,38,956
...	7,86,229	1,91,841	13,129	9,91,199	21	9,91,178	12,015	37,896	...	49,911		10,41,089
...	2,73,836	70,183	9,351	3,53,375	690	3,52,685	18,023	13,909	...	27,022		3,79,707
...	10,07,699	2,12,509	9,713	12,29,311	1,194	12,28,117	69,948	42,321	...	1,12,269		13,40,386
...	30,044	7,661	218	37,923	...	37,923	...	1,266	...	1,266		39,189
...	6,09,236	1,45,084	8,122	7,62,442	5,392	7,57,050	52,311	26,730	...	79,041		8,36,091
..	5,21,783	1,00,435	7,403	6,29,621	1,796	6,27,825	960	14,061	...	15,021		6,42,846
...	7,35,136	1,55,273	2,568	8,92,977	...	8,92,977	21,822	29,660	...	51,482		9,44,459
...	15,98,308	3,45,781	62,937	20,07,026	1,473	20,05,553	36,924	53,539	...	90,463		20,96,016
...	47,057	9,693	21	56,771	...	56,771	1,259	1,781	...	3,040		59,811
...	3,14,286	25,008	6,782	4,16,076	241	4,15,835	5,880	17,571	...	23,451		4,39,286
...	5,89,656	1,24,186	8,065	7,21,907	2,365	7,19,542	22,684	22,644	...	45,328		7,64,870
...	39,984	13,611	206	53,803	...	53,803	917	2,722	...	3,639		57,442
...	3,43,033	1,16,100	3,512	4,62,665	540	4,62,125	3,875	21,650	...	25,525		4,87,650
...	1,11,330	26,360	2,294	1,40,484	267	1,40,217	14,386	4,104	...	18,490		1,58,707
...	11,00,148	1,81,106	21,336	13,02,490	740	13,01,750	53,279	26,893	...	80,172		13,81,922
...	49,272	10,769	878	60,919	62	60,847	1,034	2,099	...	3,133		63,980
...	61,881	15,324	2,155	78,360	6	78,354	243	2,795	...	3,038		81,392
...	1,03,85,857	22,70,216	1,85,101	1,29,41,187	17,295	1,30,23,892	6,17,286	3,97,862	...	9,15,148		1,39,39,040

STATEMENT.

Name of Work.	During Year.									
	Direct Charges.					Indirect Charges.				
	Works.	Establishments.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Accounts.	Total.
1	2	3	4	5	6	7	8	9	9a	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	...	...	...	...	...	...
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—*contd.*										
UNPRODUCTIVE—*contd.*										
Works in Operation—contd.										
29. Madag Tank	...	...	...	...	...	...	...	...	...	...
30 Asundi do.	...	...	...	...	...	...	...	...	...	...
31. Dharma Canal	...	...	...	...	...	...	...	...	...	...
32. Kádva River Works	...	...	...	...	...	...	...	...	...	...
33. Chankápur Tank	31,068	5,338	789	40,195	...	40,195	1,597	1,167	311	3,075
34. Pravara River Works—Lákh Canal ..	...	...	...	...	...	...	...	...	...	...
35. Godávari Canals	37,996	10,198	965	49,161	...	49,161	...	1,428	380	1,808
36. Pravara River Canal	7,59,088	2,03,720	19,986 (a)194	9,82,988	1,306	9,81,682	3,827	23,021	7,591	39,949
37. Parsul Tank	...	...	...	...	...	...	...	...	...	...
38. Pravara Left Bank Canal	...	...	...	...	...	...	...	...	...	...
39. Mutha Canal including Mátoba Tank...	...	...	...	...	...	...	...	...	...	...
40. Nira Canal and Shetphal Tank ..	3,248	872	82	4,202	...	4,202	2,315	122	32	2,469
41. Kásurdi Tank	...	...	...	...	...	...	...	...	...	...
42. Shirsuphal do.	...	...	...	...	...	...	...	...	...	...
43. Bhádalwádi do.	...	...	...	...	...	...	...	...	...	...
Total, Works in Operation ..	8,31,402	2,23,128	21,822 (a)194	10,76,546	1,306	10,75,240	7,749	31,238	8,314	47,301
Works under Construction.										
44. Malédevi Tank	...	...	...	...	...	...	...	...	...	...
45. Budhihal Tank	400	107	10	517	433	84	...	15	4	19
46. Nira Right Bank Canal	25,20,367	6,76,407	73,397 (a)—1,66,029	31,65,162	10,443	31,54,719	31	94,697	25,204	1,19,932
47. Gokak Canal Survey	2,299	600	170	3,372	...	3,372	...	112	24	136
48. Victoria Tank	20	6	1	27	·145	−118	...	1	...	1
49. Suki River	...	...	...	...	...	...	...	...	...	...
Total, Works under Construction ..	25,23,296	6,77,320	73,581 (a)—1,65,029	31,69,078	11,021	31,58,057	31	94,825	25,232	1,20,088
Works in Abeyance.										
50. Gokák Canal, 2nd Section	...	...	...	...	...	...	...	...	...	...
Total, Unproductive ...	33,54,698	9,00,448	95,403 (a)—1,64,835	42,45,624	12,327	42,33,297	7,780	1,26,063	33,546	1,67,389
GRAND TOTAL ...	33,54,698	9,00,448	95,403 (a)—1,64,835	42,45,624	12,327	42,33,297	7,780	1,26,063	33,546	1,67,389

(a) Suspense Account.

I-B—*concluded.*

Grand Total.	To end of Year.										Grand Total.
	Direct Charges.						Indirect Charges.				
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalisation.	Leave and Pension Allowances.	Audit and Accounts.	Total.	
11	13	13	14	15	16	17	18	19	19a	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	1,06,85,857	22,70,215	1,85,101	1,30,41,187	17,295	1,30,23,892	5,17,286	3,97,862	...	9,15,148	1,39,39,040
...	1,26,596	31,841	2,525	1,61,262	14	1,61,248	...	6,350	...	6,350	1,67,598
...	48,805	10,881	1,055	60,741	...	60,741	12,586	1,718	...	14,254	74,995
...	77,763	16,588	1,153	95,509	...	95,509	2	2,321	...	2,323	97,832
...	7,60,525	1,88,801	22,555	9,71,881	140	9,71,741	31,183	31,317	...	62,450	10,34,191
43,270	15,75,131	3,34,197	60,376	19,70,204	2,132	19,68,072	18,894	47,426	311	66,631	20,34,703
...	2,64,529	68,641	19,477	3,52,647	201	3,52,446	5,824	13,621	...	19,445	3,71,891
50,999	81,65,903	13,26,154	2,26,476	97,18,533	2,026	97,16,207	3,09,393	1,55,659	330	4,65,432	1,02,11,639
10,21,631	88,80,253	20,40,162	2,60,824 (a)104	1,11,81,433	18,381	1,11,63,052	84,734	2,85,623	7,591	3,77,948	1,15,26,000
...	1,62,423	42,832	2,823	2,08,078	71	2,08,007	972	6,016	...	6,988	2,14,995
...	2,34,163	85,770	4,528	3,24,461	144	3,24,317	6,943	13,290	...	23,233	3,47,550
...	50,96,724	10,42,984	1,13,446 (a) -1,136	62,56,968	13,323	62,44,640	93,528	2,01,785	...	2,95,313	65,39,953
6,071	48,99,808	12,60,587	1,25,393	62,85,793	8,382	62,77,411	1,57,189	1,85,356	32	3,72,577	65,99,988
...	31,433	8,495	884	40,812	...	40,812	3,079	1,699	...	4,778	45,590
...	1,71,148	38,190	2,861	2,12,199	...	2,12,199	5,187	7,223	...	12,369	2,24,568
...	1,57,001	53,493	2,621	2,13,115	...	2,13,115	4,067	10,240	...	14,307	2,27,422
11,22,541	4,12,37,780	87,59,782	10,47,903 (a) -942	5,10,44,523	56,114	5,09,88,409	12,60,717	14,00,515	8,314	26,69,546	5,56,57,955
...	2,42,369	60,546	1,473	3,04,388	2,848	3,02,940	875	9,013	...	9,888	3,11,828
103	3,99,546	89,926	5,074	4,94,569	3,109	4,91,760	5,741	12,591	4	18,336	5,10,096
32,74,651	1,77,42,494	35,01,585	3,16,239 (a) 2,87,000	2,24,48,211	26,024	2,24,22,187	60,435	4,90,264	25,204	5,75,903	2,29,98,090
3,508	2,299	800	173	3,372	...	3,372	...	112	24	136	3,508
-417	52,898	11,163	725	64,786	1,949	62,837	2,463	1,564	...	4,027	66,864
...	12,212	2,749	173	15,139	...	15,139	...	385	...	385	15,524
32,78,145	1,84,52,708	36,67,085	8,23,562 (a)2,87,000	2,23,31,255	33,930	2,22,97,325	69,514	5,13,929	25,232	6,08,675	2,29,06,000
...	92,036	70,024	14,246	1,76,306	...	1,76,306	740	13,238	...	13,978	1,90,284
44,00,686	5,97,32,524	1,24,96,891	13,36,011 (a) 3,55,653	7,45,52,054	90,044	7,44,62,040	13,30,971	19,27,682	33,546	32,92,199	7,77,54,239
44,00,686	5,98,19,367	1,25,06,241	13,36,504 (a) 3,55,653	7,45,98,770	90,132	7,45,08,588	13,30,065	19,29,442	33,546	32,93,053	7,78,08,661

(a) Suspense Account.

P. M. JOSEPH,
Assistant Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation Works in

(Recoveries under main heads of

Name of Work.	Revenue (Actual Receipts).									
	Irrigation.			Navigation.	Plantations.	Water-power.	Miscellaneous.	Total.	Refunds of Revenue.	Gross Revenue less refunds.
	Water-rate directly paid.	Share of Land Revenue.	Total.							
1	2	3	4	5	6	7	8	9	10	11
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE.										
Works in operation.										
1. Gadikeri ...	...	2,355	2,355	...	...	...	6	2,361	...	2,361
2. Mavinkop Tank ...	...	1,241	1,241	...	...	...	...	1,241	...	1,241
Total, Productive ...	...	3,596	3,596	...	...	...	6	3,602	...	3,602
UNPRODUCTIVE.										
Works in Operation.										
3. Hâthmati and Khâri Cut Canals ...	58,806	...	58,806	...	...	...	4,354	63,220	192	63,028
4. Wangroli Tank ...	6,093	...	6,093	...	...	...	138	6,231	37	6,194
5. Tranza-Nagrana do. ...	80	11	91	...	...	...	2,197	2,288	...	2,288
6. Savli do. ...	2,758	...	2,758	...	...	...	124	2,882	82	2,800
7. Sahiat do. ...	1,627	550	2,177	...	...	...	125	2,302	...	2,302
8. Fatelao do. ...	...	...	...	...	...	...	57	57	...	57
9. Lower Panjhra River Works ...	13,009	11,582	24,991	...	...	...	1,515	26,506	11	26,495
10. Hardila Tank ...	4	...	4	...	...	...	673	677	...	677
11. Mhasva do. ...	1,623	...	1,623	...	104	...	1,408	3,135	...	3,135
12. Jâmda Canal ...	14,830	...	14,830	...	2,057	...	647	17,534	134	17,400
13. Bhâtkoli Tank ...	3,537	1,410	4,947	...	...	...	2,297	6,316	...	6,316
14. Ekruk do. ...	53,388	...	53,388	...	924	...	1,11,340	1,71,152	...	1,71,152
15. Koregaon do. ...	34	...	34	...	...	...	116	149	...	149
16. Ashti do. ...	28,346	...	28,346	...	3	...	10,231	38,580	...	38,580
17. Pathri do. ...	1,408	...	1,408	...	7	...	4,436	5,851	...	5,851
18. Krishna Canal ...	55,215	...	55,215	...	...	...	336	55,551	263	55,288
19. Mhaswad do. ...	75,275	...	75,275	...	1,112	...	10,078	86,465	2,376	84,089
20. Revâri do. ...	1,443	...	1,443	...	...	...	293	1,681	..	1,681
21. Upper Mân River Works ...	1,717	...	1,717	...	...	...	38	1,755	...	1,755
22. Yerla River Irrigation Works ...	15,728	...	15,728	...	...	...	1,400	17,128	80	17,048
23. Chikhli Canal ...	2,135	...	2,135	...	...	...	232	2,367	...	2,367
24. Maini Tank ...	10,090	...	10,090	...	...	...	629	10,719	13	10,706
25. Muekkundi do. ...	...	...	...	...	...	...	2,493	2,493	...	2,493
26. Gokâk Canal, First Section, and Storage Works ...	48,572	...	48,572	...	...	14,313	5,785	68,670	8	68,662
27. Dâmbal Tank ...	1,710	916	2,626	...	...	...	253	2,879	...	2,879
28. Medleri do. ...	699	...	699	...	...	...	...	699	...	699
29. Madag do. ...	4,796	...	4,796	...	42	...	65	4,903	...	4,903
30. Asundi do. ...	886	687	1,013	...	...	...	180	1,223	...	1,223
31. Dhârwa Canal ...	3,116	11,482	14,598	...	...	...	...	14,598	144	14,454
32. Kâdwa River Works ...	33,263	594	33,857	...	1,084	...	1,084	33,905	50	33,729
33. Chankâpur Tank ...	30,250	...	30,250	...	60	...	419	30,729	...	30,865
34. Pravara River Works-Lakh Canal ...	1,276	225	1,500	...	126	...	429	2,055	...	2,055
35. Godâvari Canal ...	6,78,325	...	6,78,325	12	45	...	20,778	6,99,160	859	6,98,301
36. Pravara do. ...	32,463	...	32,463	...	230	...	516	33,208	...	33,208
37. Parsul Tank ...	1,636	...	1,636	...	...	...	87	1,723	...	1,732
38. Pravara Left Bank Canal ...	35,994	76	36,070	...	895	...	737	37,682	...	37,682
Mutha Canal including Mutoba Tank ...	2,51,999	52	2,52,051	266	3,385	...	50,221	3,05,823	1,517	3,04,306
40. Nira Canal and Shetphal ...	7,80,154	...	7,80,154	...	393	...	6,955	7,87,502	2,472	7,85,030
41. Kâsurdi Tank ...	157	...	157	...	...	...	1,318	1,475	...	1,475
42. Shirsuphal do. ...	5,818	...	5,818	...	63	...	1,285	7,165	...	7,165
43. Bhâdalwâdi do. ...	4,161	...	4,161	...	100	...	332	4,593	...	4,593
Total, Works in Operation ...	22,66,975	27,385	22,94,360	278	11,459	14,313	2,46,131	25,66,541	8,238	25,58,303
Works under Construction.										
44. Maladevi Tank ...	...	...	...	...	...	...	...	...	...	...
45. Budhihal do. ...	...	...	...	...	...	...	...	...	...	...
46. Nira Right Bank Canal ...	...	...	...	...	...	...	...	...	...	...
47. Gokak Canal Survey ...	...	...	...	...	...	...	...	...	...	...
48. Victoria Tank ...	...	...	...	...	...	...	...	...	...	...
49. Sakri River ...	...	...	...	...	...	...	...	...	...	...
Total, Works under Construction ...	...	...	...	...	...	...	...	...	...	...
Total, Unproductive ...	22,66,975	27,385	22,94,360	278	11,459	14,313	2,46,131	25,66,541	8,238	25,58,303
GRAND TOTAL ...	22,66,975	30,981	22,97,956	278	11,459	14,313	2,46,137	25,70,143	8,238	25,61,905

I-C.

Deccan and Gujarát for the year ending 31st March 1922.

Revenue and Working Expenses).

Revenue Management.				Maintenance and Repairs.										
Establishment.			Total Revenue Manage-ment.	Total Establish-ment.	Works.	Repairs.	Sun-dries.	Tools and Plant.	Mainta-tions.	Total Cost of Main-tenance.	Indirect Charges.	Grand Total, Working Expenses.	Net Revenue.
Total Establish-ment.	Naviga-tion.	Civil Officers.											
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
251	...	225	486	150	...	601	...	43	...	794	62	1,342	1,019
426	...	124	550	256	...	1,023	...	74	...	1,353	105	2,008	—767
677	...	359	1,036	406	...	1,624	...	117	...	2,147	167	3,350	253
...	...	2,943	2,943	7,262	6,468	25,776	...	1,784	256	41,496	1,342	45,781	17,247
...	...	304	304	1,515	—9	3,779	...	362	11	5,658	280	9,242	—3,038
...	...	5	5	543	...	2,429	...	130	3	3,105	100	3,210	—922
...	...	129	129	1,065	...	4,894	...	261	5	6,265	202	6,586	—3,758
...	...	136	136	977	...	4,264	...	233	9	5,583	161	5,900	—2,928
...	...	...	...	313	...	1,399	...	74	...	1,786	58	1,844	—1,757
2,490	...	2,325	4,815	2,068	7,341	690	...	823	40	10,962	721	16,198	10,297
100	...	21	121	205	456	393	...	83	...	1,056	51	1,228	—551
222	...	81	303	459	991	510	...	71	330	2,362	113	2,776	359
1,101	...	738	1,839	2,258	3,251	6,312	...	353	468	11,642	560	14,041	3,359
764	...	253	1,017	889	1,230	2,261	...	195	65	4,584	267	5,868	448
1,220	...	6,476	7,696	2,423	1,688	7,197	...	378	801	12,486	607	20,789	1,50,383
101	...	2	103	201	...	793	...	31	9	1,034	50	1,187	—1,084
836	...	1,640	2,476	1,859	...	6,445	...	259	191	8,554	415	11,445	27,135
634	...	257	891	1,250	3,623	1,357	...	197	65	6,491	315	7,697	—1,846
2,605	...	3,186	5,791	3,438	6,027	3,295	404	537	432	15,121	963	24,805	30,893
11,538	...	3,828	15,353	3,506	496	15,347	...	356	173	17,884	2,245	35,485	48,504
447	...	72	519	589	440	1,815	...	92	101	3,037	169	3,725	—2,044
1,149	...	86	1,235	1,514	4,006	1,936	...	287	65	7,908	434	9,477	—7,722
3,162	...	782	3,944	4,170	9,908	6,333	...	852	428	21,591	1,193	26,628	—3,590
444	...	107	551	587	1,288	1,708	...	92	...	3,025	167	3,743	—1,376
1,128	...	504	1,702	1,530	3,177	2,931	...	247	261	8,146	452	10,900	406
460	...	...	460	264	...	1,056	...	76	...	1,396	110	1,945	548
14,971	...	2,474	16,745	6,117	18,299	6,168	...	1,766	...	32,349	3,099	52,193	18,469
1,857	...	177	1,534	433	...	1,733	...	125	...	2,291	268	4,093	—1,214
1,171	...	35	1,206	374	...	1,496	...	108	...	1,978	331	3,415	—2,716
779	...	240	1,019	247	...	976	...	71	11	1,305	153	2,470	2,433
297	...	86	383	95	...	350	...	27	...	502	59	944	279
1,327	...	1,297	2,624	136	...	544	...	140	...	820	218	3,722	10,732
11,283	...	1,668	12,950	5,547	9,339	10,740	...	663	2,108	28,397	2,578	43,825	—6,979
7,279	...	1,519	8,798	3,579	2,136	11,498	...	983	688	19,288	1,663	29,749	2,916
3,482	...	86	3,568	1,343	...	4,905	...	126	66	6,340	705	10,563	—6,563
76,283	...	84,506	1,10,889	23,224	11,907	89,843	...	2,867	11,740	1,49,266	15,774	2,70,649	4,27,853
15,446	...	1,527	15,073	4,883	...	15,015	...	494	4,467	24,854	2,769	42,696	—9,408
270	...	82	352	135	...	508	...	13	23	677	61	1,090	633
15,072	...	1,806	17,880	5,819	...	18,315	...	596	4,060	29,857	3,298	50,865	—13,233
41,020	...	12,062	53,082	12,844	2,082	43,332	—11,927	1,600	960	53,891	8,959	1,15,028	1,39,278
60,379	...	39,681	99,410	19,868	7,871	66,747	...	2,012	5,092	1,01,025	12,017	2,12,452	5,72,576
290	...	8	298	26	...	378	...	10	...	433	53	839	636
1,157	...	291	1,448	573	...	1,409	...	38	101	1,836	769	3,261	2,561
1,023	...	203	1,226	336	...	1,252	...	34	90	1,712	204	3,152	7,441
2,79,735	...	1,21,079	4,00,814	1,29,041	98,884	3,88,863	—11,523	17,815	34,000	6,57,080	62,445	11,20,289	14,38,014
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,79,735	...	1,21,079	4,00,814	1,29,041	98,884	3,88,863	—11,523	17,815	34,000	6,57,080	62,445	11,20,289	14,38,014
2,80,412	...	1,21,438	4,01,850	1,29,447	98,884	3,90,487	—11,523	17,932	34,000	6,59,177	62,612	11,23,639	14,38,266

P. M. JOSEPH,
Assistant Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation, Works in the

Number of Works.	Name of Works.	Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II, 1915).	Date when system first came into operation.	General Financial Results to end		
		Main canals and branches.	Distributaries.				Total Capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenues.
1	2	3	4	5	6	6b	7	8	9
		Miles.	Miles.	Rs.			Rs.	Rs.	Rs.
	WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.								
	PRODUCTIVE.								
	Works in Operation.								
1	Gadikoti Tank	.....	1·50	16,918	1881-82 ...	1882-83 ...	46,916	.....	47,572
2	Mavinkop Tank	.....	2·79	33,504	1881-82	1882-83	33,504	4,410	...
	Total, Productive ...	.....	4·29	50,422	.....	.....	50,422	4,410	47,571
	UNPRODUCTIVE.								
	Works in Operation.								
3	Hathmati and Khári Cut Canals ...	60·00	32·00	13,15,973	1853-54 ...	1873-74 ...	13,15,973	10,43,930	...
4	Wángrol Tank	17·26	.....	2,90,930	1903-09 ...	1908-09 ...	2,90,930	1,79,943	...
5	Tranze Nagrama Tanks	7·63	.....	2,09,935	1909-10 ...	1904-05 ...	2,80,935	1,38,033	...
6	Sávji Tank	8·25	1·21	2,55,210	1909-10 ...	1908-09 ...	2,55,210	1,38,503	...
7	Sahlat do.	9·25	1·79	1,54,029	1911-12 ...	1910-11 ...	1,54,029	1,55,706	...
8	Pálnb do.	9·00	.....	1,16,483	1913-17 ...	1915-16 ...	1,16,483	86,697	...
9	Lower Párdra River Works	.....	45·00	4,93,621	1884-85 ...	1881-82 ...	4,93,621	5,05,910	...
10	Mathla Tank	39·00	22·01	73,392	1856-57 ...	1872-73 ...	73,392	52,943	...
11	Mhasvá do.	.....	7·00	1,26,962	1856-57 ...	1877-78 ...	1,26,962	2,32,540	...
12	Jámla Canals	.....	5·50	10,42,092	1901-02 ...	1870-71 ...	10,41,092	23,91,813	...
13	Bhimoti Tank	4·50	0·50	2,70,707	1891-92 ...	1874-75 ...	2,70,707	2,62,193	...
14	Bhrák Tank	43·00	1·63·	13,40,886	1893-91 ...	1872-73 ...	13,40,886	12,71,993	...
15	Kongaon Tank	2·75	.....	39,189	1881-82 ...	1886-87 ...	39,189	1,08,253	...
16	Ashti do.	27·50	3·15	8,36,001	1882-83 ...	1881-82 ...	8,36,001	10,60,585	...
17	Pálhri do.	4·88	3·83	6,45,549	1905-09 ...	1905-07 ...	6,42,849	3,05,448	...
18	Kalana Canal	63·07	.....	9,40,782	1881-82 ...	1903-04 ...	9,44,482	6,87,161	...
19	Mhasvad Tank	09·25	43·25	20,90,016	1900-01 ...	1884-85 ...	20,86,016	24,30,947	...
20	Rewári Canal	10·25	.....	69,811	1892-93 ...	1895-96 ...	69,811	38,202	...
21	Upper Mán River Works	17·50	6·50	4,80,296	1891-93 ...	1872-73 ...	4,80,295	7,30,752	...
22	Varla River Irrigation Works ...	31·23	4·00	7,71,814	1893-95 ...	1893-70 ...	7,64,570	10,52,916	...
23	Chikhli Canal	0·50	.....	57,442	1882-83 ...	1870-71 ...	57,442	1,03,421	...
24	Mainl Tank	9·25	7·88	4,87,650	1891-92 ...	1875-76 ...	4,87,650	6,46,670	...
25	Mushalvad Tank	9·63	2·25	1,89,107	1890-91 ...	1884-85 ...	1,89,707	2,56,743	...
26	Gokak Canal, First Section and Storage Works	10·13	35·43	13,81,922	1896-97 ...	1894-95 ...	13,81,922	8,38,770	...
27	Bamhal Tank	3·27	83,930	1886-88 ...	1880-81 ...	83,980	76,893	...
28	Medlari do.	.....	4·97	81,522	1887-88 ...	1884-85 ...	81,522	1,36,276	...
29	Madag do.	9·09	.....	1,97,683	1883-89 ...	1880-87 ...	1,97,683	2,30,615	...
30	Asundi do.	.....	4·96	74,905	1880-90 ...	1884-85 ...	74,905	1,02,021	...
31	Dharma Canal	13·00	13·00	98,534	Not completed.	1913-14 ...	97,353	56,727	...
32	Kadva River Works	24·12	14·26	10,34,191	1907-09 ...	1866-69 ...	10,34,191	11,97,491	...
33	Chandápur Tank	1r·61	20·30	20,33,886	1909-10 ...	1908-10 ...	20,24,705	10,29,621	...
34	Pravara River Works—Ákh Canal...	33·03	9·37	3,71,991	1893-94 ...	1889-70 ...	3,71,991	6,81,736	...
35	Godávari Canal	117·00	120·00	120,78,297	1911-16 ...	1911-13 ...	1,09,11,832	24,84,287	...
36	Pravara River Canal	33·00	19·00	1,16,70,852	Not completed.	1900-10 ...	1,18,26,000	72,91,631	...
37	Sarsai Tank	.....	4·75	2,19,946	1894-95 ...	1899-00 ...	2,14,995	2,27,033	...
38	Pravara Left Bank Canal	47·13	93·25	3,47,159	1892-93 ...	1874-75 ...	3,47,159	6,66,550	...
39	Mutha Canal, including Máloba Tank	38·09	24·03	63,40,085	1896-97 ...	1876-76 ...	65,39,363	39,54,966	...
40	Nira Canal, and Shelpimal Tank ...	105·79	130·00	65,75,527	1896-99 ...	1885-70 ...	65,90,269	14,50,765	...
41	Kásardi Tank	.....	1·75	25,000	1872-73 ...	1869-70 ...	25,000	2,09,073	...
42	Shirnpimal Tank	.....	12·50	2,24,508	1893-94 ...	1879-80 ...	2,24,503	2,16,306	...
43	Bhadalwadi Tank	.....	9·75	2,27,492	1890-91 ...	1891-92 ...	2,27,492	2,84,190	...
	Total, Works in operation ...	948·08	820·93	5,37,64,950	.....	.....	5,38,37,985	3,06,53,805	...
	Works Under Construction.								
44	Málnder Tank	.....	.....	3,14,974			3,11,923	2,82,233	...
45	Bonbilal Tank	.....	.....	14,54,650			6,15,056	5,84,180	...
46	Nira Right Bank Canal	.....	.....	2,53,38,894	Not completed.	Under construction.	2,27,95,940	49,33,291	...
47	Gokak Canal, Survey	.....	.....	31,800			9,800	123	...
48	Victoria Tank	.....	.....	4,61,003			60,504	33,105	...
49	Sukl River	.....	.....	.....			15,524	5,499	...
	Total, Works under Construction ...	.....	.....	2,86,71,891	.....	.....	2,29,06,000	56,57,362	...
	Works in Abeyance.								
	Gokak Canal, II Section	.....	.....	1,91,995	.....	.....	1,90,384	2,16,286	...
	Total, Unproductive ...	948·08	820·93	5,30,17,833	.....	.....	7,77,54,389	3,65,27,453	...
	GRAND TOTAL ...	948·08	825·21	5,30,63,405	.....	.....	7,78,04,661	3,65,31,863	47,571

II-C.

Deccan and Gujarát for, and up to the end of, 1921-1922.

of 1921-1922.	Financial Results of the year 1921-1922.										
Total capital charge (column 7 + column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital outlay, column 7.	Percentage on capital charge, column 10.	Interest at 3·3252 per cent. on direct Capital outlay to end of 1915-17 and 3·1039 per cent. on subsequent outlay.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs	Rs.	Rs.	Acres.	Per cent.
36,012 37,014	2,801 1,211	1,243 3,003	1,019 —797	0·02	0·03	544 1,054	475 ...	 1,771	395 6	52·24 151·60
54,833	3,603	3,350	253	0·50	0·46	1,548	...	1,296	401	93·00
29,53,913	63,655	45,731	17,247	1·21	0·73	41,205	...	24,018	16,666	72·04
4,79,252	6,904	9,243	—2,339	.....	.....	6,032	...	11,661	1,734	142·95
4,64,467	7,265	8,218	—952	.....	.....	7,615	...	8,837	88	140·29
6,41,713	7,209	8,605	—1,396	.....	.....	7,787	...	11,572	2,023	329·14
3,92,715	3,302	6,235	—2,933	.....	.....	5,269	...	8,969	318	220·30
1,49,098	37	1,844	—1,797	.....	.....	2,570	...	5,331	31	3,459·00
5,74,581	26,493	19,198	25,297	2·20	1·06	14,310	...	4,513	9,464	61·14
1,42,334	677	2,838	—561	.....	.....	1,694	...	2,145	31	181·99
2,72,460	3,135	2,776	359	0·26	0·19	4,262	...	3,913	823	69·85
28,33,602	17,460	14,041	3,359	0·32	0·19	22,939	...	22,600	1,623	80·69
10,46,703	6,218	5,859	446	0·11	0·04	11,727	...	11,279	749	97·81
20,12,279	1,71,163	20,793	1,50,383	11·22	5·75	40,257	1,09,626	.....	5,643	12·15
1,18,733	146	1,167	—1,038	.....	.....	1,581	...	2,599	183	799·34
19,36,076	38,595	11,445	27,150	2·34	1·44	25,774	1,761	.....	2,372	29·66
10,04,586	6,861	7,997	—1,966	.....	.....	20,676	...	24,723	845	131·45
12,39,616	56,769	26,985	29,630	2·27	2·03	26,694	1,189	.....	6,253	49·65
45,76,943	84,669	35,462	49,904	2·53	1·06	60,699	...	19,094	10,408	42·30
93,079	1,851	3,725	—3,044	.....	.....	1,986	...	3,951	867	201·99
11,70,095	1,765	9,477	—7,722	.....	.....	13,837	...	21,549	1,695	540·60
19,30,878	17,045	26,998	—9,950	.....	.....	23,98	...	33,616	4,974	158·25
1,59,653	2,267	3,743	—1,476	.....	.....	1,759	...	3,165	615	165·18
11,53,230	10,760	10,930	408	0·03	0·04	15,367	...	14,961	2,513	99·71
3,65,455	3,469	3,345	518	0·34	0·15	4,965	...	4,115	.....	79·02
19,52,698	62,693	53,193	18,460	1·19	0·63	43,236	...	25,617	10,359	74·03
1,39,866	2,879	4,093	—1,214	.....	.....	2,022	...	3,237	640	142·16
3,17,767	630	3,415	—2,716	.....	.....	2,606	...	5,321	33	488·58
4,58,219	4,063	2,420	1,643	1·45	0·49	6,303	...	2,659	118	59·58
1,77,585	1,223	944	279	0·37	0·28	3,230	...	3,741	252	77·18
1,34,709	14,454	3,725	10,729	10·07	6·65	3,483	7,279	.....	6,993	25·76
22,21,422	36,855	48,825	—9,970	.....	.....	23,213	...	30,253	4,699	119·21
20,59,394	30,729	28,719	2,010	0·10	0·07	67,745	...	65,735	5,523	89·46
15,59,614	2,054	10,563	—8,508	.....	.....	11,720	...	20,228	615	514·01
1,75,84,530	6,96,351	2,70,649	4,27,053	3·18	2·33	3,77,656	1,00,625	.....	41,215	39·76
1,41,17,631	33,323	42,656	—9,333	.....	.....	4,69,894	...	4,79,228	16,348	128·29
4,52,633	1,722	1,090	633	0·29	0·14	6,917	...	6,284	1,465	63·23
10,04,490	37,633	50,855	—13,223	.....	.....	10,744	...	24,521	12,702	135·15
1,04,94,919	3,61,306	1,15,023	1,80,278	2·83	1·90	3,07,276	...	17,998	19,294	37·70
89,60,134	7,88,030	2,12,452	5,75,578	9·63	7·18	2,10,077	3,62,092	.....	66,713	27·06
1,53,185	1,475	878	597	1·23	0·41	1,257	...	721	39	59·53
5,40,886	7,165	3,504	3,661	1·23	0·65	7,036	...	3,495	491	50·10
6,21,013	4,603	3,162	1,441	0·63	0·37	7,067	...	5,626	1,074	68·93
8,43,41,569	25,58,903	11,20,289	14,38,614	2·67	1·70	18,03,665	...	3,65,051	2,60,293	43·81
5,54,761	.....	.....	.....	.....	.....	10,043	...	10,043	.....	.....
2,94,586	.....	.....	.....	.....	.....	16,259	...	16,259	.....	.....
3,70,80,331	.....	.....	.....	.....	.....	9,76,931	...	9,76,931	.....	.....
2,611	.....	.....	.....	.....	.....	103	...	103	.....	.....
99,869	.....	.....	.....	.....	.....	2,253	...	2,253	.....	.....
20,951	.....	.....	.....	.....	.....	503	...	503	.....	.....
3,78,63,963	.....	.....	.....	.....	.....	10,05,291	...	10,05,291	.....	.....
5,66,670	.....	.....	.....	.....	.....	5,663	...	5,663	.....	.....
17,33,91,402	25,58,903	11,20,289	14,38,614	1·85	1·27	29,15,759	...	13,74,776	2,60,293	43·81
11,34,46,334	25,61,805	11,23,639	14,38,266	1·85	1·27	28,14,327	...	13,76,071	2,60,304	43·86

P. M. JOSEPH,
Assistant Accountant General.

STATEMENT III-C.

Demands and Realizations during the year 1921-1922 in Deccan and Gujarát.

Irrigation Works.	Balance of demands unrealized at commencement of year (b).	Demands of the year (a).				Total including balance at commencement of year.	*Deduct*—Receipts not including Cash Refunds.	Net Total.	*Deduct*—Amount unrealized at close of year.	Actual Realizations of the year. (c).
		Rabi, 1920-1921.	Kharif, 1921-1922.	Miscellaneous Receipts.	Total.					
1	2	3	4	5	6	7	8	9	10	11
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE.										
WORKS IN OPERATION.										
1 Gadikeri Tank	...	...	...	6	6	6	.....	6	...	6
2 Mávinkop do.	...	...	...	...	...	...	.....	...	...	..
Total, Productive ...	...	...	...	6	6	6	.....	6	...	6
UNPRODUCTIVE. WORKS IN OPERATION.										
3 Háthmati and Khári Cut Canal	74,006	5,488	89,495	4,354	98,805	1,66,811	432	1,65,879	1,02,659	63,220
4 Wangroli Tank	4,430	141	2,779	153	3,073	7,503	23	7,480	1,239	6,241
5 Tranza-Nagrsma Tank ...	...	...	145	2,197	2,342	2,342	.....	2,342	65	2,277
6 Sávli Tank	2,628	42	6,496	123	6,663	9,291	242	9,049	6,167	2,882
7 Saliai do.	1,684	...	496	125	621	2,305	5	2,300	548	1,752
8 Fatelao do.	...	...	8	56	64	64	.....	64	7	57
9 Lower Panjhra River Works.	4,586	(d)2,859	(d)9,982	1,523	14,364	18,950	226	18,724	3,600	15,124
10 Harisla Tank	147	4	...	526	530	677	.....	677	...	677
11 Mhasvn do.	15	1,656	...	1,511	3,169	3,184	.....	3,134	49	3,135
12 Jámda Canal	9,693	5,877	1,580	2,704	10,161	19,854	76	19,778	2,244	17,534
13 Bhátodi Tank	1,507	3,723	1,650	2,369	7,742	9,249	.....	9,249	4,343	4,906
14 Ekrúk do.	36,877	23,882	38,188	1,18,124	1,76,194	2,12,071	178	2,11,893	40,741	1,71,152
15 Koregaon do.	34	...	...	115	115	149	.....	149	...	149
16 Ashti do.	6,346	18,585	1,818	10,284	30,137	38,483	.....	38,483	97	38,150
17 Pátbri do.	20	1,423	...	4,934	6,357	6,377	.....	6,377	526	5,851
18 Krishna Canal	38,608	12,917	35,564	836	47,317	85,925	57	85,868	29,317	56,551
19 Mhaswad Canal	5,805	54,871	19,935	11,190	86,996	94,801	.....	94,801	8,292	86,508
20 Revári Canal	30	1,133	306	236	1,676	1,706	.....	1,706	25	1,681
21 Upper Mán River Works ...	144	462	1,305	38	1,805	1,949	.....	1,949	194	1,755
22 Yerla River Irrigation Works.	70	14,566	997	1,400	17,063	17,133	.....	17,133	6	17,128
23 Chikhli Canal	1,100	106	1,021	231	1,358	3,468	.....	3,468	101	2,367
24 Maisi Tank	1,004	6,704	2,758	629	10,091	11,095	.....	11,095	376	10,719
25 Munhkundi Tank	...	...	...	2,493	2,493	2,493	.....	2,493	...	2,493
26 Gokák Canal, First Section, and Storage Works ...	4,764	30,611	29,468	20,482	80,561	85,325	20	85,305	16,635	68,670
27 Dambal Tank	326	305	1,079	253	1,637	1,963	.....	1,963	...	1,963
28 Medleri do.	204	149	443	...	592	796	.....	796	97	699
29 Madag do.	2,085	1,021	2,125	107	3,253	5,541	.....	5,541	1,638	4,903
30 Asundi do.	589	32	310	180	522	1,111	.....	1,111	576	535
31 Dharma Canal	5,647	...	2,310	...	2,310	7,957	1	7,956	4,840	3,116
32 Kádwa River Works	7,446	10,013	19,855	3,046	32,914	40,360	52	40,308	3,997	36,311
33 Chankápur Tank	561	16,694	15,281	378	32,353	32,914	10	32,904	2,175	30,729
34 Pravara River Works—Lákh Canal	—3	337	438	556	1,330	1,327	.....	1,327	—3	1,330
35 Godávari Canal	1,94,079	2,67,409	5,60,324	23,054	6,49,787	8,43,866	124	8,43,742	1,46,583	6,96,160
36 Pravara Canal	4,358	29,666	16,337	947	40,950	44,808	.....	44,808	11,545	33,263
37 Parvel Tank	609	84	1,921	97	2,102	2,704	.....	2,704	981	1,723
38 Pravara Left Bank Canal ...	5,593	27,122	51,651	2,001	80,774	86,367	.....	86,367	48,311	37,956
39 Mutha Canal including Mátoba Tank	71,373	25,959	2,27,046	53,691	3,06,696	3,78,069	401	3,77,668	71,897	3,05,771
40 Nira Canal and Shetphal Tank	1,32,268	1,71,817	5,29,058	7,638	7,08,513	8,41,781	469	8,41,312	52,310	7,87,502
41 Késurdi Tank	...	118	39	1,318	1,475	1,475	.....	1,475	...	1,475
42 Shirsuphal do.	1,060	3,848	910	1,347	6,105	7,165	.....	7,165	...	7,165
43 Bhádalvádi do.	1,179	1,688	4,290	432	6,410	7,589	.....	7,589	3,996	4,593
Total, Unproductive ...	6,27,460	7,35,602	14,68,410	2,75,621	24,79,633	31,07,093	2,816	31,04,777	5,65,621	25,39,156
Grand Total ...	6,27,460	7,35,602	14,68,410	2,75,627	24,79,639	31,07,099	2,816	31,04,783	5,65,621	25,39,162

(a) Excluding Irrigation share of Land Revenue.
(b) Correct balances as now reported by District Officers in Canal Returns Nos. VI and VII.
(c) Excluding "Refunds of Revenue" and "Indirect Revenue".
(d) Inclusive of assessments as shown in Canal Return No. IX.

F. P. MADON,
Assistant Accounts Officer.

STATEMENT IV-C.

Statement showing the Financial Results of Irrigation Works in Deccan and Gujarát for the year ended 1921-1922, based on the assessment of the year.

Principal Results and Operations for the year ended 31st March 1922.

Irrigation Works.	Capital outlay (direct and indirect) to end of year.	Revenue assessed during the year.							Indirect Revenue (Land Revenue due to operation of Canal).	Grand Total.	Working Expenses, direct and indirect.	Net assessed Revenue of the year.	Percentage on Capital outlay to end of year.
		Direct assessed Revenue.											
		Occupier's rate.	Owner's rate.	Plantations.	Water-power.	Navigation.	Miscellaneous.	Total.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.													
PRODUCTIVE.													
WORKS IN OPERATION.													
1 Gadikari Tank	16,918	...	...	...	...	...	6	6	2,325	2,331	1,249	1,082	6·02
2 Mavinkop do.	33,504	...	...	...	...	...	...	...	1,241	1,241	2,008	−767	(a)
Total, Productive	50,422	...	...	...	...	...	6	6	3,566	3,572	3,350	222	0·44
UNPRODUCTIVE. WORKS IN OPERATION.													
1 Hithmati and Khári Cut Canal	13,15,073	98,787	...	...	...	...	4,354	1,00,141	...	1,00,141	45,781	54,360	4·13
4 Wangrol Tank	2,90,930	6,322	...	...	...	...	153	6,475	.....	6,475	9,242	−2,807	(a)
5 Tranza-Nagvana Tank	2,80,635	219	...	...	...	...	2,197	2,416	11	2,427	3,210	−784	(a)
6 Sisli Tank	2,55,210	3,934	...	...	...	...	125	9,059	.....	9,059	6,686	2,373	0·97
7 Sahiat do.	1,84,023	1,005	...	...	...	...	125	1,930	550	2,370	5,970	−3,600	(a)
8 Fatelao do.	1,15,461	155	...	...	...	...	89	241	.....	241	1,844	−1,603	(a)
9 Lower Pánjhra River Works	4,63,021	13,765	...	...	...	...	1,033	16,798	11,483	28,670	16,198	12,472	2·73
10 Hartála Tank	79,382	95	...	...	...	...	526	621	.....	621	1,228	−607	(a)
11 Mhasva do.	1,33,956	1627	...	104	...	...	1,407	3,138	.....	3,138	2,776	362	0·26
12 Jámda Canal	10,41,009	5,691	...	2,057	...	...	647	8,395	.....	8,395	14,041	−5,646	(a)
13 Bhátoli Tank	3,79,707	5,375	...	...	...	...	2,369	7,747	1,410	9,157	5,889	3,269	0·87
14 Sirdik Tank	13,40,886	54,404	...	934	...	...	1,19,200	1,67,618	.....	1,67,618	20,780	1,46,839	10·95
15 Korgaon do.	38,189	1,094	...	...	...	...	115	1,209	.....	1,209	1,187	22	0·06
16 Ashti do.	8,26,091	17,566	...	3	...	...	10,811	27,832	.....	27,832	11,435	16,397	1·98
17 Pithori do.	6,42,646	4,061	...	7	...	...	4,893	8,976	.....	8,976	7,697	1,279	0·19
18 Krishna Canal	9,44,455	53,200	...	...	...	...	836	54,036	.....	54,036	24,895	29,141	3·08
19 Bhaswad do.	30,95,010	62,326	...	1,112	...	...	10,078	73,516	.....	73,516	35,465	37,951	1·21
20 Kevdi do.	69,511	2,048	...	...	...	...	228	2,276	.....	2,276	3,725	−1,449	(a)
21 Upper Mán River Works	4,33,280	6,155	...	...	...	...	26	6,181	.....	6,181	9,477	−3,296	(a)
22 Tetia River Irrigation Works	7,53,870	19,883	...	...	...	...	1,409	19,293	.....	19,293	26,938	−6,645	(a)
23 Chhili Canal	67,442	1,433	...	...	...	...	231	1,669	.....	1,669	3,761	−2,092	(a)
24 Mahol Tank	6,37,660	9,016	...	...	...	...	699	10,574	.....	10,574	10,300	274	0·93
25 Mudhumati Tank	1,82,707	...	...	...	...	...	2,493	2,493	.....	2,493	1,945	548	0·33
26 Gokak Canal, First Section, and Sinoore Works	13,81,923	47,779	...	...	14,313	...	6,169	68,261	.....	68,261	52,193	16,068	1·16
27 Pambal Tank	83,930	1,491	...	...	...	...	253	1,737	910	2,653	4,003	−1,350	(a)
28 Medleri do.	61,302	443	...	...	...	...	...	443	.....	443	3,415	−2,972	(a)
29 Mádar do.	1,67,396	3,343	...	42	...	...	65	3,449	.....	3,449	2,476	973	0·63
30 Asundi do.	74,396	525	...	...	...	...	180	705	697	1,402	943	519	0·69
31 Dharma Canal	6,82,823	2,310	...	...	...	...	...	2,310	41,462	43,772	3,732	10,070	10·39
32 Kádwa River Works	10,34,191	43,146	...	1,904	...	...	1,052	46,104	691	46,795	43,833	2,963	0·29
33 Chandpur Tank	20,34,709	30,940	...	99	...	...	318	31,357	.....	31,357	28,719	2,638	0·13
34 Pravara River Works—Lákh Canal	9,71,891	934	...	126	...	...	439	1,499	225	1,724	10,883	−9,159	(a)
35 Godávari Canals	1,03,11,439	8,66,814	...	45	...	12	21,027	8,90,898	.....	8,90,898	8,70,660	20,238	2·35
36 Pravara Canal	1,15,26,000	65,932	...	280	...	...	697	66,879	.....	66,879	43,656	23,223	0·21
37 Pamal Tank	2,14,966	5,977	...	...	...	...	97	6,074	.....	6,074	1,697	4,377	2·21
38 Pravara Left Bank Canal	3,47,560	1,04,540	...	695	...	...	1,106	1,06,340	76	1,06,416	93,886	12,531	12·02
39 Mutha Canal including Mutha Tank	63,39,953	2,54,040	...	3,325	...	205	20,140	3,07,731	52	3,07,783	1,15,028	1,92,755	2·95
40 Nira Canal and Shetphal Tank	58,99,988	6,62,427	...	283	...	...	7,245	6,69,955	.....	6,69,955	2,12,403	4,57,552	6·78
41 Karmali Tank	45,500	39	...	...	...	...	1,318	1,357	.....	1,357	672	685	1·14
42 Shirsphal do.	2,54,525	1,440	...	62	...	...	1,235	2,737	.....	2,737	3,004	−267	(a)
43 Bhádalvádi do.	3,27,422	2,456	...	100	...	...	332	2,888	.....	2,888	3,162	−274	0·08
Total, Unproductive	5,35,67,015	21,01,510	...	11,450	14,313	278	2,49,551	23,77,131	27,385	24,04,516	11,20,899	12,83,617	2·39
Grand Total	5,37,08,377	21,01,510	...	11,450	14,313	278	2,49,577	23,77,137	30,951	24,08,088	11,23,699	12,84,479	2·39

(a) No percentage is calculated, as the net revenue against the work is a minus figure.

F. P. MADON,
Assistant Accounts Officer.

Statement of Area irrigated by Irrigation Works in the

No.	Name of work.	Area irrigated in Acres.							Average Discharge, Cubic Feet per Second.			
							Double-cropped.		At Head.		Utilized.	
		Kharif.	Rabi.	Total.	Flow.	Lift.	Area irrigated.	Percentage of Total Area.	Kharif.	Rabi.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Works for which Capital and Revenue Accounts are Kept.											
	Productive.											
1	Gadikeri Tank	395*	...	395*	395	...	...	...	0·25	0·50	0·25	0·50
2	Mávlukop Tank	6*	..	6*	6	...	...	...	...	0·17	...	0·17
	Total, Productive ...	401*	...	401*	401	...	...	...	...	...	...	...
	Unproductive.											
3	Háthmati Canal and Khári Cut Canal.	699 11,415	3,281 1470	3,794† 12,885	3,755 12,453	41 432	... ...	... ...	114 67	104 77	31‡ 60‖	77‡ 65**
4	Wangroli Tank	703	1,080	1,783	1,715	18	...	...	61·03	82·55	61·03	82·55
5	Tranza-Negramma Tanks ..	42	36	78	46	32	...	...	19·24	3·81	19·24	3·21
6	Savli Tank	1,464	1,198	2,662	2,662	1	...	...	103·14	25·57	103·14	25·57
7	Salat do.	111	298	409	409	...	...	...	53·70	52·32	53·70	52·32
8	Futelao do.	2	59	61	61	...	...	...	1	3	1	3
9	Lower Pánjhra River Works.	1,735* 194	91* 646	1,876* 840	2,716	...	...	...	2·55	7·67	2·55	7·67
10	Hartála do.	...	31	31	31	...	...	...	...	·093	...	0·093
11	Mhasva do.	...	532	532	532	...	...	...	...	3·76	...	3·76
12	Jámda Canals	338	1,290	1,632	1,632	...	...	...	19·33	38·57	19·33	38·57
13	Bhátodi Tank	208	541	749	732	17	52	6·97	·071	1·94	0·71	1·94
14	Ekruk do.	2,021	3,622	5,643	5,531	112	...	...	21·21	28·56	17·16	24·70
15	Koregaon do.	...	183	183	183	...	...	...	...	2·33	...	2·33
16	Ashti do.	126	3,253	3,379	3,367	12	...	...	0·52	9·78	0·52	9·78
17	Pathri do.	...	845	845	776	69	...	...	...	7·77	...	7·77
18	Krishna Canal	4,848 (3,647)	3,504 (2,633)	8,352	7,019	1,333	307	3·67	37·55	71·35	37·55	71·35
19	Mhasvad Tank	2,367	7,561	10,428	10,428	...	...	...	15	67	15	67
20	Revári Canal	111	395	506	505	1	43	9·48	1·71	2·74	1·62	2·62
21	Upper Mán River Works .	638	1,039	1,666	1,656	9	137	8·22	1·24	4·26	1·24	4·26
22	Yerla River Irrigation Works .	515	3,859	4,374	4,238	36	346	7·91	1·35	39·24	1·35	39·24
23	Chikhli Canal	474	40	514	500	14	6	1·16	2·50	1·58	2·50	1·58
24	Maini Tank	1,146	1,397	2,543	2,501	42	200	7·86	4·63	6·43	4·63	6·43
25	Muchkundi do.	81††	6††	87††	87	...	...	...	...	...	...	...
26	Gokák Canal, 1st Section ...	6,689	3,670	10,359	9,853	506	...	...	32·67	51·75	32·67	51·75
27	Dambal Tank	312 144*	85 ...	397 144*	397 144	...	...	...	2·49	2·63	2·49	2·63
28	Medleri do.	33	...	33	32	1	...	...	3·17	3·66	3·17	3·66
29	Madag do.	506	212	718	718	...	...	...	8·56	13·87	8·56	13·87
30	Asandi do.	59	43 190*	102 190*	97 190	5	...	...	1·22	4·60	1·22	4·50
	Total ...	36,401 1,929*	39,136 281*	75,537 2,210*	75,006	2,681	1,096	...	...	...	...	...
	Total, Productive, carried over ...	401*	...	401*	401	..	...	...	...	...	...	...
	Total Unproductive, carried over ...	36,401 1,929*	39,136 281*	75,537 2,210*	75,006	2,681	1,096	...	...	...	...	...

I-E.

Bombay Presidency, excluding Sind, during the year 1921-1922.

Area irrigated per Cubic Foot per Second.				Basis to which the Duties of Water are calculated.		Remarks.
Discharged at Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	20
1,580·00	...	1,580·00	...	16th Jan. to 15th October .	16th October to 15th Jan. ...	Note by the Superintending Engineer, Deccan Irrigation Division.—The antique figures in brackets represent areas actually irrigated during the respective seasons and the duties have been calculated on these figures. They differ from those in Statement IV-E owing to the fact that certain areas irrigated during the rabi season are assessed in kharif papers and vice versa. In the rabi season, in addition to pure rabi crops, perennial and eight months' crops are irrigated. To obtain correct duties therefore these crops have to be added to the rabi area.
...	...	...	...			
...	...	...	...			
4·38	31·55	16·13	42·61	15th June to 14th October ...	15th October to 14th Febry....	
170·33	19·10	190·25	26·73			
11·52	12·49	11·52	12·49			
2·17	9·45	2·17	9·45			
13·79	46·89	13·79	46·89	Do. ...	Do.	
2·07	5·63	2·07	5·63			
2	19·66	2	19·66			
78	96	78	96	15th June to 14th October ...	Do.	
...	333	...	333			
...	141	...	141	15th Febry. to 14th October.	Do.	
17	38	17	38			
293	373	293	373	15th June to 15th October....	16th October to 15th February.	
142	150	176	174	15th Febry. to 14th October .	15th October to 14th February.	
...	79	...	79	Do. ...	Do.	
242	346	242	346	Do. ...	Do.	
...	109	...	109	Do. ...	Do.	
156	87	156	87	16th Febry. to 15th October .	16th October to 15th Febry. ...	
185	112	185	112	15th Febry. to 14th October .	15th October to 14th Febry. ...	
65	137	69	164	16th Febry. to 15th October...	16th October to 15th Febry....	
509	291	509	291	Do. ...	Do.	
390	117	390	117	Do. ...	Do.	
198	72	198	72	Do. ...	Do.	
235	231	235	231	Do. ...	Do.	
...	...	...	...			
199·38	91·73	199·38	91·73	15th Febry. to 14th October...	15th October to 14th Febry....	
183·00	33·00	183·00	33·00			
10·00	8·00	10·00	8·00			
59·00	16·00	59·00	16·00	16th January to 15th October.	16th October to 15th January.	
48·00	52·00	48·00	52·00			
...	...	...	...			
...	...	...	...			
...	...	...	...			

* Area under consolidated assessment.

† This includes 15 acres Hot weather irrigation.

‡51 cusecs were diverted by the Bokh feeder to fill the Bokh Reservoir and 22 cusecs were thrown into the Khari river through the Bhujwa channel.

§23 cusecs were thrown into the Khari river through Bhujwa channel during the Rabi season and 8 cusecs into the Bokh reservoir.

‖7 cusecs were allowed for leakage and for filling tanks.

**22 cusecs were allowed for filling tanks and absorption and evaporation in transit.

††Water was allowed free, *vide* G. R. No. A. I 11,540 of 26th July 1921.

STATEMENT

No.	Name of work.	Area Irrigated in Acres.							Average Discharges, Cubic Feet per Second.			
							Double-cropped.		At Head.		Utilized.	
		Kharif.	Rabi.	Total.	Flow.	Lift.	Area irrigated.	Percentage of Total area.	Kharif.	Rabi.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Total, Productive, brought forward ...	401*	...	401*	401	...	...	...	...	...	...	...
	Total, Unproductive, brought forward ...	38,401 1,929*	89,136 281*	75,537 2,210*	75,066	2,681	1,096	...	...	...	...	...
	Works for which Capital and Revenue Accounts are Kept.											
	Unproductive—concld.											
31	Dharma Canal	437 5,126*	... ...	437 5,126*	437 5,126	...	...	...	43·75	4·52	43·75	4·52
32	Kádwa River Works. Wághad Tank .	...	...	...	...	...	...	...	...	...	...	...
	Pálkhed Canal .	(1,521) 936	(2,488) 1,586	2,522	2,508	74	21	0·81	17	30	17	30
	Ojhar-T & mbat Canal.	(669) 516	(935) 508	1,024	1,023	1	21	2·05	4	8	4	8
	Wadáli Canal...	(577) 476	(976) 586	1,062	1,062	...	...	...	6	6	6	6
33	Girna Left Bank Canal ...	(16,801) 2,847	(3,801) 2,776	5,623	5,551	72	866	15·40	18	33	18	33
34	Pravara River Works—Lákh Canal.	268	(261) 248	516	483	33	160	31·01	5	7	5	7
35	Lake Beale Darna Dam ...	358	89	447	...	447	...	...	...	...	...	...
	Godavari Right Bank Canal ...	11,461	(16,053) 13,789	25,250	25,216	34	1,597	6·32	140	220	140	220
	Godavari Left Bank Canal ...	6,644	(10,362) 8,873	15,517	15,503	14	403	2·60	85	123	85	123
36	Pravara River Works—Pravara Right Bank Canal.	7,845	(6,781) 7,402	15,247	15,247	...	704	4·62	46	62	46	62
37	Parsul Tank ...	(725) 718	(811) 747	1,465	1,465	...	459	31·26	2	5	2	5
38	Pravara River Works—Pravara Left Bank Canal.	11,494	(7,389) 8,208	19,702	19,702	...	431	2·79	108	95	78	64
39	Mutha Canals and Mátoba Tank.	(9,595) 11,032 (1,435) 1,497	(7,039) 1,304 (1,838) 1,624	28(*f*) 12,926 3,121	12,702	224	148	1·10	161	139	... (*e*)	... (*e*)
					3,121	...	12	0·38	13	15	13	15
40	Nira Canal and Shetphal Tank.	(28,852) 39,819 (3,522) 3,756	(44,782) 23,483 (3,102) 1,656	63,302 5,412	62,876 5,406	426 6	1,505 125	2·38 2·31	255 (*e*) 12	322 20	222 (*e*) 12	322 20
41	Kásurdi Tank(*h*) ...	39	...	39	39	...	...	...	... (*i*)	...	... (*i*)	...
42	Shirsuphal do.(*h*) ...	(222) 222	259	481	481	...	...	...	6	... (*j*)	6	... (*j*)
43	Bhádalvádi do.(*h*) ...	(750) 952	(970) 722	1,674	1,674	...	...	...	7	8	7	8
	Total, Unproductive ...	127,778 7,955*	113,588 281*	251,364 7,836* 28(*f*)	254,638	4,062	7,542	2·91	...	...	...	...
	Grand Total, Productive and Unproductive.	127,778 7,456*	113,588 281*	251,364 7,737* 28(*f*)	255,039	4,062	7,542	2·91	...	...	...	...

I-E—*concluded.*

AREA IRRIGATED PER CUBIC FOOT PER SECOND.				BASE TO WHICH THE DUTIES OF WATER ARE CALCULATED.		Remarks.
Duty realised at Head.		Utilised.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	20
..	...	...	...			
...	...	...	...			
127	...	127	...	16th January to 15th October.	16th October to 15th January.	
...	...	...	...			
89 (b)	83 (b)	89 (b)	83 (b)			
169	117	169	117	15th June to 14th October..	15th October to 14th February.	
96 (b)	162	96 (b)	162			
93 (b)	115 (b)	93 (b)	115 (b)			
54	37	54	37	Do. ...	Do.	
...	...	...	...			
77 (a)	73 (a)	77 (a)	73 (a)	15th February to 14th October.	Do.	
78 (a)	81 (a)	78 (a)	81 (a)	Do. ...	Do.	
171	109 (b)	171	109 (b)	Do. ...	Do.	
332 (h)	162 (h)	332 (h)	162 (h)	15th June to 14th October ...	Do.	
196 (b)	73 (b)	147 (b)	115 (b)	15th February to 14th October	Do.	
60 (g)	51 (g)	...	...	Do. ...	Do.	
114	123	114	123	15th June to 14th October ...	Do.	
118	130	130	139	15th February to 14th October.	Do.	
294 (d)	155	294 (d)	155			
...	...	...	...	15th June to 14th October ..	Do.	
37	...	37	...	Do. ...	Do.	
107	121	107	121	Do. ...	Do.	
...	...	...	...			
...	...	...	...			

Note by the Superintending Engineer, Central Division.—(1) As perennial and eight months' crops are irrigated during the rabi *season*, in order to obtain the figures of duty for the rabi season in columns 15 and 17 the areas of perennial and 8 months' crops given in Statement G irrigated in the rabi season are added to areas of rabi in column 4 and the total so obtained is divided by figures of rabi discharges in columns 11 and 13. The figures in columns 15 and 17 thus represent areas actually irrigated per cusec.

(a) The low duties are due to the fact that the proportion of sugar cane and other perennial crops to the seasonal crops is great.

(b) The low duties are due to scattered nature of irrigation.

(c) The difference between the discharge 'at head' and 'utilized' is due to canal water having been let into the Shelphal tank and also run to waste though scouring sluices.

(d) The high duties on the Shelphal tank are due partly to (1) concentration of irrigation on a small channel and consequently small losses in absorption and, mainly to (2) the fact that although the channel does not flow for days together owing to rainfall and other causes, the total discharge during a season is distributed on all the days of the season which reduces the average discharge and thus gives higher duties.

(e) Figures of utilized discharge are not available as the quantity let into Matoba Tank was not measured. Besides water was supplied for drinking purposes to the city and cantonment of Poona.

(f) An area of 28 acres is indirectly irrigated by underground percolation from the Mutha Right Bank Canal.

(g) The low duties are due to high proportion of sugar cane and other perennial crops which require a larger quantity of water and also to the fact that a large quantity of water is supplied for drinking purposes.

(h) The discharge from these tanks in the hot weather season being uncertain as well as very small has not been accounted for. The duties are calculated on an eight months basis. Even during the monsoon and rabi seasons there is no discharge from these tanks for days together and the actual number of days on which the channels were in flow have been taken for purposes of duty.

(i) The tank received very small replenishment during the monsoon season. Only one watering could be issued.

(j) The replenishment received during the rabi season was very meagre. Only one watering could be issued.

(k) The high duties are due to timely rainfall in the areas irrigated and consequently no canal water was required for irrigation.

*Area under consolidated assessment.

†This includes 15 acres Hot weather irrigation.

Statement showing incidence of Working Expenses and Assessed Water Revenue

No.	Name of Work.	Average Discharge of the year at Canal Head in Cubic feet per Second.	Water-rate Assessed.					Gross assessed Revenue from all sources.	Working Expenses, Direct and Indirect.
			Occupier's.	Owner's.	Total Direct.	Indirect.	Total, Direct and Indirect.		
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.								
	Productive.								
1	Gadikeri Tank	0·31	...	...	...	2,355	2,355	2,361	1,342
2	Mávinkop do.	0·04	...	...	...	1,241	1,241	1,241	2,008
	Total, Productive ...	.....	...	...	...	3,596	3,596	3,602	3,350
	Unproductive.								
3	Hathmati Canal and	77	95787	...	95,787	...	95,787	1,00,141	45,781
	Khári Cut Canal	49							
4	Wangroli Tank	143·58	6,232	...	6,232	...	6,232	6,425	2,242
5	Tyanza-Nagramma Tanks ...	23·15	218	...	218	11	229	2,426	2,210
6	Sávli Tank	131·71	8,934	...	8,934	...	8,934	9,050	6,586
7	Sahlat do.	106·62	1,695	...	1,695	550	2,245	2,370	5,900
8	Futelao do.	4·00	185	...	185	...	185	241	1,344
9	Lower Panjhra River Works ...	3·41	13,765	...	13,765	11,382	25,147	28,670	16,198
10	Haridla Tank	0·03	95	...	95	...	95	621	1,228
11	Mhasva do.	1·27	1,627	...	1,627	...	1,627	3,138	2,776
12	Jámda Canal	25·78	5,591	...	5,591	...	5,591	6,295	14,041
13	Bhátodi Tank...	1·03	5,378	...	5,378	1,410	6,788	9,157	5,368
14	Ekrúk do.	23·69	54,494	...	54,494	...	54,494	1,67,518	20,789
15	Koregaon do.	0·83	1,094	...	1,094	...	1,094	1,209	1,187
16	Ashti do.	5·17	17,598	...	17,598	...	17,598	27,832	11,445
17	Páthri do.	1·76	4,042	...	4,042	...	4,042	8,976	7,097
18	Krishna Canal	50·51	53,200	...	53,200	...	53,200	54,036	24,895
19	Mhasvad Tank	32·00	62,208	...	62,208	...	62,208	72,436	33,435
20	Revári Canal	2·14	2,048	...	2,048	...	2,048	2,280	3,726
21	Upper Man River Works ...	2·32	6,145	...	6,145	...	6,145	6,183	9,477
22	Yeria River Irrigation Works ...	14·89	18,593	...	18,593	...	18,593	19,993	26,538
23	Chikhli Canal	2·08	1,428	...	1,428	...	1,428	1,659	3,743
24	Maini Tank	5·50	9,945	...	9,945	...	9,945	10,574	10,300
25	Muchkundi do.	.....	...	...	...	...	...	2,493	1,945
26	Gokák Canal, 1st Section ...	39·11	47,779	...	47,779	...	47,779	68,261	52,193
27	Dámbal Tank	2·58	1,484	...	1,484	916	2,400	2,653	4,093
28	Medleri do.	5·29	443	...	443	...	443	443	3,415
29	Madag do.	9·90	3,242	...	3,242	...	3,242	3,429	2,470
30	Asundi do.	2·05	595	...	595	687	1,282	1,462	944
31	Dharma Canal	33·86	2,810	...	2,810	11,482	13,792	13,792	3,722
32	Wághad Tank	.....	...	...	...	...	...	287	43,825
	Kadwa River Works. Pálshed Canal ...	19	23,570	...	23,570	594	24,164	26,448	
	Ojhar-Támbat Canal ...	5	9,256	...	9,256	...	9,256	9,460	
	Wedáli Canal ...	5	10,222	...	10,222	10,638	20,860	21,227	
33	Girna Left Bank Canal ...	26	30,849	...	30,849	...	30,849	31,227	28,719
34	Pravara River Works—Lákh Canal	7·6	934	...	934	225	1,159	1,714	10,563
35	Lake Beale—Darna Dam ...	.....	1,129	...	1,129	...	1,129		
	Godáveri Right Bank Canal ...	178	2,97,279	...	2,97,279	...	2,97,279	5,90,568	2,70,649
	Do. Left Bank Canal ...	100	2,10,106	...	2,10,106	...	2,10,106		
36	Pravara River Works—Pravara Right Bank Canal	52	65,932	...	65,932	...	65,932	66,879	42,686
37	Parasi Tank	13	5,977	...	5,977	...	5,977	6,064	1,050
38	Pravara River Works—Pravara Left Bank Canal	103	1,04,449	...	1,04,449	76	1,04,525	1,06,526	50,825
39	Mutha Canal and	153	2,54,040	...	2,54,040	52	2,54,092	3,07,783	1,15,028
	Mátoba Tank	9							
40	Nira Canal and	279	294	6,52,427	...	6,52,427	...	6,52,427	6,60,065	2,12,452
	Shetphal Tank	15							
41	Kásurdi do.	.....	39	...	39	...	39	1,357	889
42	Shirsuphal do.	12	1,440	...	1,440	...	1,440	2,787	3,604
43	Phádnivádi do.	13	7,456	...	7,456	...	7,456	7,898	3,153
	Total, Unproductive ...	.....	21,01,510	...	21,01,510	27,385	21,28,895	24,04,516	11,20,289
	GRAND TOTAL ...	... ...	21,01,510	...	21,01,510	30,981	21,32,491	24,08,118	11,23,639

II-E.

on Canals in the Bombay Presidency, excluding Sind, during the year 1921-1922.

Area irrigated during the year.	Working Expenses.			Occupier's Rate.		Total Water-rate, Direct and Indirect.		Remarks.
	Per cent. on Gross Revenue.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head.	
Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
395† 61	56·34 161·80	3·39 334·66	4,229·03 50,300·00	... ...	....	5·96 296·33	7,592·77 31,028·00	†Area under consolidated assessment.
401†	93·00	8·25	.....	...	.....	5·96	.....	
16,681	45·71	2·74	363·34	5·74	760·21	5·74	760·21	
1,733	143·62	5·53	64·36	3·62	43·75	3·62	43·75	
78	132·21	41·15	133·66	2·79	9·43	2·93	9·89	
2,663	72·70	2·47	50·00	3·35	67·83	3·35	67·83	
409	248·34	14·43	55·23	4·14	16·89	5·49	21·06	
61	765·14	30·23	461·00	3·03	46·25	3·03	46·25	
840 1,376†	60·73	5·96	4,750·14	5·07	4,036·66	9·25	7,374·49	
31	197·74	39·61	40,983·33	3·06	3,166·66	3·06	3,166·66	
532	88·46	5·21	2,185·32	3·06	1,281·10	3·06	1,281·10	
1,633	189·27	5·60	544·64	2·43	216·57	3·42	216·57	
749	64·08	7·83	5,433·33	7·13	4,979·03	9·06	6,386·18	
5,643	12·40	3·68	577·64	9·65	2,300·29	9·65	2,300·29	
183	98·18	6·43	3,133·68	5·97	2,873·95	5·97	2,873·95	
3,379	41·12	3·35	2,213·75	5·20	3,403·87	5·20	3,403·87	
845	35·75	9·10	4,373·33	4·78	2,296·59	4·78	2,296·59	
8,352	46·07	2·98	492·67	6·36	1,053·26	6·36	1,053·26	
10,423	48·34	3·40	1,075·30	5·96	1,885·09	5·96	1,885·09§	§ The high rates are due to high proportion of sugarcane, which is a high rated crop on the Godavari, Nira and Mutha Canals.
606	169·94	7·36	1,740·65	4·04	957·00	4·04	957·00	
1,695	153·27	5·03	4,004·91	3·69	2,648·71	3·69	2,648·71	
4,374	185·23	6·09	1,788·98	4·25	1,248·69	4·25	1,248·69	
514	235·01	7·23	1,799·51	2·77	686·54	2·77	686·54	
2,543	97·40	4·05	1,872·72	3·91	1,808·18	3·91	1,808·18	
87*	73·01	23·35	.....	...	.....	...	.....	
10,350	76·46	5·03	1,334·51	4·61	1,221·65	4·61	1,221·65	
397 144†	154·27	7·56	1,586·43	2·74	576·19	4·43	930·23	*Water was allowed free, *vide* Government Resolution No.A. I.-11545, dated 26th July 1921.
33	770·88	103·48	1,037·99	13·42	134·65	13·42	134·65	
716	71·61	3·44	219·49	4·65	337·57	4·65	337·57	
102 190† 437	64·57	3·23	460·48	2·04	290·24	4·39	625·36	
5,128†	26·93	·66	109·92	0·42	69·22	2·48	407·32	
... 2,582				...	.....	...	.....	
	29·66	9·39	1,511·20	9·13	1,340·53	9·36	1,271·79	
1,024 1,062				9·13 9·63	1,871·2 2,044·4	9·13 9·63	1,871·20 2,044·4	
5,023	91·96	5·10	1,104·67	5·48	1,186·5	5·48	1,186·5	
516	616·27	20·47	1,760·50	1·81	155·66	2·24	193·16	†These tanks are usually worked only during the monsoon and rabi seasons hence the discharge given is for eight months and not for 12 months. The discharge from these tanks in the hot weather season being uncertain is not accounted for.
417				2·52	.....	2·52	.....	
25,250	51·01	5·56	991·36	11·77	1,718·37§	11·71	1,718·37§	
16,517				13·54	2,101·06§	13·54	2,101·06§	
16,247	63·79	2·79	320·50	4·32	1,267·92	4·32	1,267·92	
1,465	17·97	·74	363·33	4·08	1,992·33	4·07	1,992·33	
19,702	47·74	2·58	493·33	5·30	1,014·07	5·30	1,014·69	
16,047 (28)*	37·37	7·15	710·04	15·80	1,568·15	15·80	1,568·47	
68,714	32·18	3·09	722·62	9·49	2,219·14	9·49	2,219·14§	§This represents area indirectly irrigated by underground percolation from the Mutha Right Bank Canal.
39	61·33	21·61	.....	1·00	.....	1·00	.....	
481	129·31	7·49	1,802·00	2·99	720·00	2·99	720·00	
1,674	39·95	1·88	1,059·66	4·45	2,485·33	4·45	2,485·33	
2,51,392 7,398†	46·59	4·32	.....	8·12	.....	8·22	.....	
2,51,392 7,737†	46·66	4·33	.....	8·10	.....	8·22	...	

STATEMENT

Statement of Quantity and Value of Crops Irrigated in the Bombay

	(1) Gadikeri Tank.		(2) Mávinkop Tank.		(3) Hathimatt and Khari Cut Canal.		(4) Wángoli Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres	Rs.
Gardens and Orchards. — Vegetables	...	...	...	...	2	120	2	150
Gardens and Orchards. — Fruits and other trees	...	...	...	...	...	...	...	...
Sugarcane	...	...	...	...	49	820	...	...
Cereals — Wheat	...	...	...	...	995	20,850	393	19,650
Cereals — Barley	...	...	...	...	462	23,100	2	60
Cereals — Rice	...	...	...	...	11,880	5,94,000	676	33,800
Cereals — Maize	...	...	...	...	4	45	1	35
Cereals — Jowár	...	...	...	...	5	80	...	...
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	6	60	14	570
Cereals — Bájri	...	...	...	...	3	45	...	...
Cereals — Miscellaneous	...	...	...	...	4	16	...	...
Pulses — Gram, Udid, Mug	...	...	...	...	3,252	97,560	497	14,910
Pulses — Tur	...	...	...	...	...	...	...	...
Pulses — Peas	...	...	...	...	...	...	...	...
Pulses — Groundnut	...	...	...	...	...	...	...	...
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	...	...	...	...	...	...	...	...
Fodder Crops — Lucerne, etc.	...	...	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	...	...	1	50
Fibres — Tág (Hemp)	...	...	...	...	...	...	...	...
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	...	...	4	320	26	1,750
Drugs and Narcotics. — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	3	240	2	60
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...	...	...
Condiments — Chilly and Onions	...	...	...	...	1	4	1	2,050
Condiments — Garlic, Turmeric and Methi	...	...	...	...	11	110	36	1,440
Miscellaneous	...	...	...	...	...	...	42*	...
Land insufficiently irrigated	...	...	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties.	...	...	...	...	...	...	...	...
Total	...	...	...	...	16,681	7,37,340	1,783	74,525
Area on which consolidated assessment is levied	395	13,592	6	288	...	...	...	...

* Water was given for ploughing purposes.

III-E.

Presidency, excluding Sind, during the year 1921-1922.

(5) Tra'hla-Na-gra'ma Tank.		(6) Savli Tank.		(7) Sahiat Tank.		(8) Futehao Tank.		(9) Lower Pánjhra River Works.		(10) Harsúda tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
...	...	...	...	...	...	...	...	...	...	.1	15
...	...	...	...	...	...	...	...	25	2,400	...	...
...	...	...	...	...	...	...	...	...	...	...	...
28	1,400	746	37,300	210	10,500	28	2,260	482	16,380	27	789
6	180	...	...	...	...	1	60	...	...	...	...
42	2,100	1,456	72,800	104	5,200	2	150	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	3	90	...	...	...	...	...	...
...	...	1	35	6	210	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
1	30	444	13,320	73	2,190	30	1,500	12	340	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	128	3,180	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	10	250	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	70	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	3	90	...	...	179	5,920	...	...
...	...	...	...	5	250	...	...	...	...	3	125
...	...	...	...	...	...	...	...	7	250	...	...
...	...	5*	...	5*	...	...	...	7	20	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
78	3,710	2,663	1,23,775	403	18,530	61	3,970	840	28,490	31	929
...	...	...	...	...	...	...	...	1,876	1,32,335	...	...

STATEMENT

	(11) Mhasva Tank.		(12) Ja'mda Canals.		(13) Bha'todi Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	16	650	...	...
Gardens and Orchards. — Fruits and other trees	...	...	161	37,581	...	...
Sugarcane	...	...	50	21,618	...	...
Cereals — Wheat	505	9,780	1,159	43,039	65	5,192
Cereals — Barley	...	...	...	...	...	...
Cereals — Rice	...	...	11	618	3	177
Cereals — Maize	...	...	2	42	...	...
Cereals — Jowár	...	...	6	342	373	14,920
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...
Cereals — Bájri	...	...	...	...	72	3,253
Cereals — Miscellaneous	...	...	2	46	...	...
Pulses — Gram, Udid, Mug	26	712	51	1,385	89	5,337
Pulses — Tur	...	...	...	...	...	...
Pulses — Pess	...	...	4	147	...	...
Pulses — Groundnut	1	15	76	6,080	80	4,793
Pulses — Miscellaneous	...	...	...	...	...	...
Fodder Crops. — Fodder	...	...	...	...	5	318
Fodder Crops. — Lucerne, etc.	...	...	...	...	1	100
Fibres — Cotton	...	...	...	...	...	...
Fibres — Tág (Hemp)	...	...	7	142	...	...
Dyes	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	...	...	11	1,060
Drugs and Narcotics. — Bháng	...	...	...	...	33	4,017
Oil-seeds — Mustard, Sesam	...	...	..	...	2	39
Oil-seeds — Linseed, Castor-oil	...	...	...	...	2	95
Condiments — Chilly and Onions	...	...	78	7,298	4	390
Condiments — Garlic, Turmeric and Methi	...	...	9	279	...	...
Miscellaneous	...	...	...	...	9	1,740
Land insufficiently irrigated	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also area assessed for water taken out of turn and other penalties	...	...	...	...	...	...
Total	532	10,507	1,632	1,19,217	749	41,491
Area on which consolidated assessment is levied	...	...	...	...	...	...

III-E—*continued.*

(14) Ekruk Tank.		(15) Koregaon Tank.		(16) Ashti Tank.		(17) Pa'thri Tank.		(18) Krishna Canal.		(19) Mhaswad Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
30	*	...	...	...	...	...	...	...	...	36	2,422
71	*	...	...	23	15,647	...	...	14	2,800	44	4,818
566	13,25,000	...	...	6	2,730	...	...	885	11,15,760	26	8,990
150	25,000	27	1,475	41	4,431	6	675	773	77,830	291	20,671
10	*	...	...	...	...	...	...	...	...	16	578
423	1,50,000	...	...	8	741	1	100	464	47,760	148	7,995
63	2,500	...	...	3	250	...	...	108	2,550	169	7,800
2,287	90,000	146	21,825	3,193	3,00,655	542	71,300	2,638	3,16,560	5,588	3,99,758
...	...	...	...	...	...	1	50	...	...	23	1,086
6	200	...	...	...	...	...	...	1	50	643	22,235
2	...	...	...	...	...	...	...	3	500	...	...
84	4,200	7	880	7	900	9	1,100	595	26,444	189	14,090
38	600	...	...	1	82	...	...	1	50	5	346
...	...	...	...	...	...	...	...	...	...	8	425
976	1,16,000	...	...	87	9,495	274	4,136	678	47,460	1,567	1,80,119
...	...	...	...	...	...	...	...	...	...	...	...
677	34,000	...	...	2	40	...	...	186	8,820	4	122
5	*	...	...	...	...	...	...	...	...	...	...
35	2,500	...	...	1	60	...	...	85	3,400	18	2,236
...	...	...	...	...	...	...	...	8	240	...	...
...	...	...	...	...	...	...	...	...	...	...	...
20	30,000	...	...	...	...	3	975	48	4,800	2	198
...	...	...	...	...	...	...	...	...	...	...	...
1	50	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	55
82	16,500	3	230	1	120	1	100	164	16,400	46	4,639
7	*	...	...	...	...	8	2,500	877	1,75,400	...	...
26	...	...	...	1	...	...	...	237	27,150	1,432	13,435
84	...	...	...	...	...	...	...	...	...	172	...
...	...	...	...	...	...	...	...	587	...	...	...
5,643	17,96,550	183	24,410	3,379	3,35,151	845	80,936	8,352	18,73,974	10,428	6,92,018
...	...	...	...	...	...	...	...	...	...	...	...

* The valuation in these cases cannot be given as the information is not available.

STATEMENT

	(20) Rivári Canal.		(21) Upper Mán River Works.		(22) Yerla River Irrigation Works.		(23) Chikeli Canal.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	...	...	...	...	...	...
Gardens and Orchards. — Fruits and other trees	14	3,625	8	1,550	22 / 12	1,020 / 4,992	...	...
Sugarcane	1	100	6	2,700	...	...	22	27,720
Cereals — Wheat	157	11,801	84	8,400	286	15,444	7	700
Cereals — Barley	...	...	10	480	2	48	...	...
Cereals — Rice	40	1,857	20	1,600	11	452	4	360
Cereals — Maize	...	...	...	...	...	...	...	...
Cereals — Jowár	167	16,455	749	65,760	2,291	1,94,633	337	40,560
Cereals — Chino, Rági, Rála, Wara...	1	50	20	400	38	912	10	250
Cereals — Bájri	11	825	454	19,160	127	4,699	8	400
Cereals — Miscellaneous	...	...	...	...	...	...	...	...
Pulses — Gram, Udid, Mug ...	28	1,630	176	10,564	956	48,756	4	200
Pulses — Tur	...	...	7	182	2	78	...	...
Pulses — Pees	...	...	...	...	...	...	...	...
Pulses — Groundnut	44	3,950	91	9,100	486	38,880	68	4,780
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	...	...	...	...	...	...	...	...
Fodder Crops — Lucerne, etc.	...	...	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	...	...	...	...
Fibres — Tág (Hemp)	...	...	...	...	...	...	...	...
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	2	50	1	90	5	500	...	...
Drugs and Narcotics. — Bhang	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...	...	...
Condiments — Chilly and Onions	22	1,363	17	1,652	97	8,840	24	2,400
Condiments — Garlic, Turmeric and Methi.	13	4,150	1	320	...	...	21	4,200
Miscellaneous	6	235	18	1,020	39	3,910	2	300
Land insufficiently irrigated...	...	...	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	...	...	3	...	...	...	7	...
Total	506	46,091	1,865	1,22,978	4,374	3,23,470	514	81,850
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

III-E—*continued.*

(24) Maini Tank.		(25) Muchkundi Tank.		(26) Gokak Canal, 1st Section, and Storage Works.		(27) Dambal Tank.		(28) Medleri Tank.		(29) Madag Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
...	...	...	...	24	1,195	8	480	22	12,513	17	1,063
17	1,850	...	...	32	3,962	5	148	10	584	...	...
35	7,000	...	...	196	39,225	...	...	...	...	34	2,894
59	1,704	...	...	..	...	10	500	...	...	...	...
...	...	...	...	303	6,154	...	...	...	...	...	...
3	105	...	...	168	6,705	...	...	...	...	491	39,318
1	40	...	...	3,335	1,00,042	...	...	...	...	...	...
1,063	35,040	...	...	2,613	78,378	301	15,050	...	...	...	...
2	50	...	...	595	8,932	...	...	...	...	...	...
510	22,950	...	...	399	7,978	...	...	...	...	...	...
...	...	..	...	...	...	...	...	...	...	...	...
276	21,945	...	...	375	5,629	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
444	44,400	...	...	300	8,995	...	...	...	...	...	...
...	...	...	...	1	25	...	...	...	...	...	...
13	520	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
1	300	...	...	470	16,479	3	900	...	...	...	...
...	...	...	...	659	9,882	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
9	1,800	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
12	2,250	...	...	740	37,035	4	640	1	25	1	26
...	...	...	...	18	3,535	66	7,941	...	...	174	10,979
98	1,950	87	3,750	126	18,941	...	...	...	...	1	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
2,543	1,91,904	87	3,750	10,359	3,53,092	397	25,659	33	13,122	718	54,280
...	...	...	...	...	...	144	5,760	...	...	...	...

STATEMENT

	(30) Asundi Tank.		(31) Dharma Canal.		(32) Kádva River Works.			
					Pálkhed Canal.		Ojhár-Támbat Canal.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	7	735	...	...	49	2,421	40	1,377
Gardens and Orchards. — Fruits and other trees	...	...	...	...	26	4,026	2	284
Sugarcane	6	699	...	...	185	99,978	159	79,785
Cereals — Wheat	...	...	...	...	723	44,502	222	21,908
Cereals — Barley	...	...	...	...	...	...	...	...
Cereals — Rice	7	352	437	34,960	45	6,552	...	...
Cereals — Maize	...	...	...	...	4	181	2	61
Cereals — Jowár	7	348	...	...	3	110	...	...
Cereals — Chino, Rági, Rála, Wara	2	101	...	...	...	...	...	...
Cereals — Bájri	...	...	...	...	18	828	23	922
Cereals — Miscellaneous	...	...	...	...	...	...	...	...
Pulses — Gram, Udid, Mug	...	...	...	...	228	22,724	61	2,413
Pulses — Tur	...	...	...	...	...	...	...	...
Pulses — Peas	...	...	...	...	1	48	...	...
Pulses — Groundnut	1	75	...	...	735	82,776	289	28,910
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	...	...	...	...	23	1,265	...	...
Fodder Crops — Lucerne, etc.	...	...	...	...	28	2,480	19	1,713
Fibres — Cotton	9	720	...	...	...	...	...	...
Fibres — Tág (Hemp)	...	...	...	..	4	162	3	94
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	..	...	1	72	...	...
Drugs and Narcotics. — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	..	...	...	...	...
Condiments — Chilly and Onions	29	3,898	...	...	393	31,270	148	12,880
Condiments — Garlic, Turmeric and Methi	34	4,421	...	...	25	3,686	...	...
Miscellaneous	...	...	...	...	...	...	...	...
Land insufficiently irrigated	...	...	...	...	41	...	56	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	...	...	...	...	...	...	...	...
Total	102	11,349	437	34,960	2,582	3,03,081	1,024	1,50,347
Areas on which consolidated assessment is levied	190	9,600	5,126	2,88,850	...	...	...	...

III-E—*continued.*

(32) Ka'dpa River Works—concluded.				(33) Chanka'pur Tank.		(34) Pravara River Works—La'kh Canal.		(35a) Goda'vari Right Bank Canal.		(35b) Goda'vari Left Bank Canal.	
Wadáli Canal.		Wághad Tank.									
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
9	335	...	...	12	592	7	41	49	1,657	98	5,314
19	3,925	...	...	81	5,624	35	27,998	127	17,660	2[illegible]	4,744
131	65,365	...	...	133	64,382	6	2,800	3,650	17,99,545	3,017	29,15,570
344	16,659	..	...	1,667	1,25,976	104	2,117	6,719	4,96,011	4,627	2,92,763
...	...	..	...	...	...	...	...	...	...	...	...
1	98	...	...	39	3,010	...	...	92	4,585	18	1,772
3	117	...	...	59	2,384	26	782	121	11,804	20	1,370
...	...	...	...	2	54	25	525	892	44,936	186	6,355
...	...	..	...	...	...	2	30	...	...	2	74
6	235	...	...	916	64,309	157	3,154	3,736	4,42,987	1,303	89,027
...	...	...	...	...	...	...	...	...	...	...	...
74	2,795	...	...	1,439	61,492	131	2,001	3,534	5,641	1,807	1,16,506
...	...	...	...	...	...	1	15	12	317	7	373
1	28	...	...	5	173	...	...	...	...	...	...
327	29,042	...	...	369	31,328	2	93	1,274	1,17,787	720	90,132
...	...	...	...	...	...	...	...	...	...	...	...
49	1,998	...	...	607	9,750	3	30	2,571	4,57,896	1,244	1,48,282
9	1,207	...	...	19	1,763	12	314	459	1,08,532	337	78,043
...	...	..	...	16	1,475	...	...	...	...	...	...
22	660	...	...	3	193	...	...	54	1,594	75	1,186
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	3	463	4	543
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	28	1,341	...	...	...	...	5	334
...	...	...	...	...	...	...	...	...	...	...	...
37	3,060	...	...	13	1,006	5	231	20	1,730	33	3,118
21	1,527	...	...	24	733	...	...	12	454	19	3,018
...	...	...	...	...	...	...	...	447*	...	...	...
9	...	...	...	191	...	...	...	1,925	...	2,017	...
...	...	...	...	...	...	...	...	...	...	...	...
1,062	1,27,051	...	...	5,623	3,75,585	516	40,131	25,697	35,13,399	15,517	37,98,554
...	...	...	...	...	...	...	...	...	...	...	...

* This represents the area in the basin of Lake Boale given out for cultivation. The areas were not measured separately for each crop, hence no valuation can be made.

STATEMENT

	(36) Pravara River Works—Pravara R. B. Canal.		(37) Paesul Tank.		(38) Pravara River Works—Pravara L. B. Canal.		(39) Mutha Canals, including Ma'tora Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	29	503	2	68	47	1,279	1,103	2,21,800
Gardens and Orchards. — Fruits and other trees ...	55	17,406	13	985	76	9,019	575	2,01,250
Sugarcane	160	77,295	9	3,700	800	3,78,514	3,723	44,67,600
Cereals ... — Wheat	1,345	20,504	261	15,657	1,414	50,027	534	1,06,800
Cereals ... — Barley	...	...	...	...	...	...	2	100
Cereals ... — Rice	...	...	...	...	2	40	393	49,125
Cereals ... — Maize	132	2,564	1	24	20	1,000	152	7,600
Cereals ... — Jowár	4,357	91,188	...	...	3,812	1,06,105	2,031	1,92,945
Cereals ... — Chino, Rági, Rála, Wara ...	32	496	...	...	16	202	2	100
Cereals ... — Bájri	2,588	58,942	614	36,819	5,364	2,50,355	3,097	2,16,790
Cereals ... — Miscellaneous	...	...	...	...	...	...	110	5,500
Pulses ... — Gram, Udid, Mug... ...	789	16,486	460	27,618	1,001	39,562	268	21,440
Pulses ... — Tur	1	13	...	...	10	264	164	16,400
Pulses ... — Peas	...	...	...	...	...	...	...	...
Pulses ... — Groundnut	298	14,337	47	9,391	323	30,426	548	82,200
Pulses ... — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	180	2,110	...	...	51	5,114	1,046	1,04,600
Fodder Crops — Lucerne, etc.	31	3,166	2	161	131	8,578	314	1,25,140
Fibres ... — Cotton	28	855	28	2,125	82	9,118	1	300
Fibres ... — Tág (Hemp)	3	35	...	...	4	38	83	4,980
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics — Tobacco	6	258	...	...	12	445	4	500
Drugs and Narcotics — Bháng	...	...	...	...	...	...	...	...
Oil-seeds ... — Mustard, Sesum	11	149	5	184	12	230	29	8,700
Oil-seeds ... — Linseed, Castor-oil ...	...	...	...	...	63	630	...	...
Condiments ... — Chilly and Onions ...	28	1,048	6	1,072	51	3,452	221	66,300
Condiments ... — Garlic, Turmeric and Methi.	2	78	10	401	7	608	...	...
Miscellaneous	...	...	...	...	...	...	28†	700
Land insufficiently irrigated	5,122	...	7	..	6,404	...	1,641	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties ..	...	...	...	...	...	...	...	...
Total ...	15,247	3,16,403	1,465	98,235	19,702	3,95,010	16,075	59,00,870
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

† This represents area indirectly irrigated by underground percolation from the Mutha Rig & Bank Canal.

III-E—*concluded.*

(40) Nira Canal, Including Shetphal Tank.		(41) Kásurdi Tank.		(42) Shirsuphal Tank.		(43) Bhádalvádi Tank.		Total.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
100	35,000	...	...	43	15,050	1	350	1,760	3,05,130
160	56,000	...	...	...	...	...	...	1,655	4,29,848
7,335	88,02,000	...	...	12	12,000	6	6,000	21,208	2,13,29,790
500	50,000	...	...	3	450	34	5,100	25,026	15,93,245
...	...	...	...	...	...	...	...	819	30,760
...	...	...	...	...	...	169	16,900	17,158	10,83,232
...	...	...	...	9	675	3	225	4,288	1,42,091
36,691	51,36,740	...	...	247	37,050	881	1,32,150	71,391	74,59,888
...	...	...	...	...	...	...	...	773	13,608
9,070	7,25,600	39	2,340	143	8,580	100	6,000	29,408	19,88,687
...	...	...	...	...	...	...	...	121	6,062
600	48,000	...	...	...	...	41	2,460	17,614	6,42,730
100	10,000	...	...	4	320	13	1,040	366	30,080
...	...	...	...	...	...	...	...	147	4,001
6,260	8,13,800	...	...	11	1,650	352	52,800	16,778	18,62,930
...	...	...	...	...	...	...	...	1	25
250	15,000	...	...	4	300	...	...	6,925	3,30,415
50	10,000	...	...	...	...	...	...	1,467	3,41,217
60	7,200	...	...	5	625	8	1,000	851	49,353
50	3,000	...	...	...	...	2	150	977	22,356
...	...	...	...	...	...	...	...	...	...
20	2,000	...	...	...	...	...	...	182	46,194
...	...	...	...	...	...	...	...	33	4,017
...	...	...	...	...	...	...	...	98	11,357
...	...	...	...	...	...	...	...	249	6,790
...	...	...	...	...	...	...	...	2,331	2,31,402
1,000	1,10,000	...	...	...	...	...	...	2,402	3,36,030
...	...	...	...	...	...	...	...	2,616	73,151
6,468	...	...	...	...	...	64	...	24,201	...
...	...	...	...	...	...	...	...	597	...
68,714	1,58,24,340	39	2,340	481	76,700	1,674	2,24,175	3,51,392	3,88,74,389
...	...	...	...	...	...	...	...	7,737	4,50,425

STATEMENT

Comparative Statement of Irrigation and Rainfall for the years 1920-1921

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable area commanded by the Irrigation Works in column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Ahmedabad ..	2,453,696	1,842,282	1,345,810	3	Hathmati Canal	28,840
					Khári Cut ,, ...	20,000
					Total ...	48,840
Kaira	1,097,125	856,772	794,436	4	Wangroli Tank	5,000
				5	Tranja-Nagrama	1,290
				6	Savli Tank	4,702
				7	Sátat ,, ...	4,000
					Total ...	14,990
Panch Mahals ...	1,028,780	672,257	500,174	8	Futelao Tank	1,900
West Khándesh .	3,481,207	1,731,546	1,349,726	9	Lower Panjhra River Works ...	12,627
East Khándesh ...	2,908,697	2,125,017	2,007,456	10	Hartala Tank	527
				11	Mhásva ,, ...	4,075
				12	Jámda Canals	40,185
					Total ...	44,787
Poona District ...	3,421,454	2,538,359	1,877,596	40	Nira Canal and Shetphal Tank	227,670
				39	Mutha Canal and Másoba Tank	49,500
				41	Kásurdi Tank	478
				42	Shirsuphal ,, ...	2,200
				43	Bhádalvádi ,, ...	2,400
					Total ...	282,248
Násik District ...	2,769,900	2,553,184	1,906,637	33	Chankapur Tank.—Girna Left Bank Canal.	25,200
				32	Kádva River Works. Pálkhed Canal ... Ozar-Tánbat Canal ... ... Wadáli Canal ...	26,280 7,421 2,729
				37	Parsul Tank	3,197
				35	Godavari River Works. Lake Beale Dam ... Godavari Right Bank Canal ... Godavari Left Bank Canal	83,000
					Total ...	147,827
Ahmednagar District.	4,241,884	3,251,908	2,533,298	36	Godavari River Work. Godavari Right Bank Canal Godavari Left Bank Canal	136,390
				36	Pravara Right Bank Canal	58,415
				38	Pravara Left Bank Canal	99,025
				34	Lákh Canal	25,536
				13	Bhátodi Tank	13,657
					Total ...	333,023
Sholápur ...	2,916,099	2,534,211	2,178,238	19	Mirswad Tank	102,400
				14	Ekrúk ,, ...	16,941
				15	Koregaon ,, ...	2,294
				16	Asti ,, ...	16,926
				17	Páthri ,, ...	4,586
					Total ...	143,146

IV-E.

and 1921-1922 in the Bombay Presidency, excluding Sind.

Area at present estimated as annually irrigable by the works specified in column 8.	AREA IRRIGATED IN ACRES.						RAINFALL.		REMARKS.
	1920-1921.			1921-1922.			1920-1921.	1921-1922.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
8,000	2,873	2,523	4,896	516§	3,221	3,796	31·13	43·32	At Printij.
16,000	2,002	444	2,446	11,415	1,470	12,885	23·88	42·51	At Ahmedabad Civil Hospital.
24,000	11,374	2,967	14,341	11,930	4,751	16,681			§ 15 acres were watered in hot weather.
3,400	1,546	70	1,616	703	1,030	1,733	25·27	46·05	Rain-gauges fixed on the tanks.
800	...	...	...	43	35	78	25·21	35·32	
3,000	723	30	753	1,464	1,199	2,663	20·72	42·95	
2,000	71	...	71	111	298	409	20·73	37·97	
9,200	2,340	100	2,440	2,320	2,563	4,883			
800	1	...	1	2	59	61	16·25	40·50	Rain-gauge fixed on the tank.
12,637	243	422	665	194	646	840	11·09	22·22	* Area under consolidated assessment.
	*1,782	*32	*1,864	*1,735	*91	*1,676			
415	2	2	4	...	31	31	14·85	26·38	
1,700	7	520	527	...	532	532	16·33	28·75	
5,000	3,863	1,839	5,707	338	1,299	1,632	12·19	23·55	
7,115	3,877	2,361	6,238	338	1,862	2,195			
113,280	39,364	29,638	69,002	39,819	23,483	63,302	19·64	17·63	† This represents area indirectly irrigated by underground percolation from the Mutha Right Bank Canal
4,200	3,488	1,289	4,777	3,756	1,656	5,412	13·37	20·36	
16,800	13,135	1,967	281†			281†	22·88	10·15	
			15,102	11,032	1,894	12,926	8·77	8·81	
3,250	1,498	1,982	3,480	1,497	1,624	3,121	10·69	13·39	
150	25	59	84	39	...	39	9·24	7·41	
1,800	542	1,038	1,580	225	269	494	6·91	16·81	
2,000	90	682	772	952	722	1,674			
141,480	58,142	36,656	281† 94,797	57,317	29,633	281† 86,956			
8,500	2,061	3,225	5,286	2,847	2,776	5,623	6·41	15·03	
9,337	2,240	769	3,018	996	1,586	2,582	11·30	15·47	
2,367	970	216	1,186	516	508	1,024	10·46	14·24	
2,433	330	262	1,092	476	586	1,062	8·76	15·11	
1,000	287	46	333	718	747	1,465	6·55	13·11	
30,109	115	116	231	358	89	447	24·57	28·62	
	656	2,748	3,404	834	1,918	2,752	8·50	16·91	
	654	4,502	5,256	1,226	2,662	3,888	8·50	16·91	
54,246	7,892	11,934	19,806	7,971	10,572	18,543			
40,331	3,048	20,247	23,295	10,627	11,871	22,498	8·50	16·91	
16,960	4,694	9,796	14,490	5,418	6,211	11,629	8·50	16·91	‡ The culturable and irrigable areas commanded as given in the second revised project of the Pravara River Works are 182,976 and 57,000 acres respectively. These include the old areas (culturable and irrigable at present) under Lakh Canal, viz. 26,556 and 11,250 acres respectively. The balance is distributed between the two Pravara Canals in proportion to their gross commands.
	4,077	7,378	11,455	7,545	7,402	15,247	9·06	11·20	
28,760‡	6,310	8,809	15,119	11,494	8,208	19,702	9·06	11·20	
11,380	313	428	741	258	258	516	10·35	16·57	
12,124	6	573	587	208	541	749	11·26	16·27	
118,455	23,460	47,237	70,697	35,860	34,487	70,341			
23,100	3,974	7,597	11,571	2,784	6,756	9,540	13·50	22·35	
16,241	2,713	5,230	5,938	3,021	2,622	5,643	13·02	15·86	
1,050	...	...	...	...	183	183	10·04	19·77	
11,750	1,981	3,484	5,465	126	3,253	3,379	11·35	12·90	
2,500	390	705	1,095	..	845	845	12·58	19·83	
54,371	9,058	16,066	24,124	5,931	13,659	19,590			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Sátára	3,142,670	2,363,220	1,997,737	16	Mhaswad Tank	3,814
				18	Krishna Canal	26,453
				20	Revdi ,, ...	3,624
				21	Upper Mán River Works	7,623
				22	Yerla River Irrigation Works ...	10,630
				23	Chikhli Canal	1,478
				24	Mayni Tank	4,625
					Total ...	58,297
Bijápur	3,652,913	3,279,273	2,870,270	25	Muchkundi Tank	5,417
Belgaum ...	3,952,855	2,270,521	1,818,954	1	Gadikeri Tank	687
				26	Gokák Canal, 1st Section and Storage Works	17,627
					Total ...	18,314
				27	Dámbal Tank	2,500
Dhárwár ...	2,948,982	2,413,219	2,206,597	28	Medleri ,, ...	880
				30	Asundi ,, ...	1,011
				29	Madag ,, ...	1,345
				31	Dharwa Canal	12,870
					Total ...	18,556
Kánara	2,525,978	388,570	227,145	2	Mávinkop Tank	755
	40,469,940	28,217,896	23,628,060		Grand Total ...	1,150,627

IV-E.—*concluded.*

Area at present estimated as annually irrigable by the works specified in column 8.	Area irrigated in Acres.						Rainfall.		Remarks.
	1920-1921.			1921-1922.			1920-1921.	1921-1922.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
2,700	87	602	689	85	805	883	9·96	15·90	
12,320	5,924	2,542	8,466	4,843	3,504	8,352	17·48	17·26	
1,020	171	265	436	111	395	506	22·24	22·25	
2,030	142	25	167	636	1,033	1,669	10·12	15·99	
5,480	1,006	2,873	3,879	615	3,859	4,474	19·64	19·00	
1,478	430	2	432	474	40	514	13·74	16·25	
4,625	1,143	1,436	2,579	1,146	1,397	2,543	12·54	19·10	
30,603	8,903	7,745	16,648	7,803	11,039	18,942			
750	... *	316†	316†	87*	6*	87*	12·45‡	18·98	
417	395†	...	395†	395†	...	395†	23·30	26·41	
17,627	6,214	6,838	13,052	6,689	3,670	10,359	12·64	21·08	
18,044	6,214 395†	6,838	13,052 395†	6,689 395†	3,670	10,359 395†			
1,000	226	53	279	312	85	397	11·65	13·54	
	141†		141†	141†		141†			
600	41	39	80	33	...	33	15·15	11·39	
1,011	64	150†	64 190†	59	43 190†	102 190†	13·80	21·05	
1,345	586	283	869	506	212	718	22·30	12·43	
12,870	580	...	580	437	...	437	59·16	21·30	
	5,126†		5,126†	5,126†		5,126†			
16,926	1,497 5,270†	375 190†	1,872 5,460†	1,347 5,270†	340 190†	1,687 5,460†			
617	653†	...	653†	6†	...	6†	43·44	37·55	
439,134	132,921	131,750	264,671 28‡	137,778	113,686	251,464 28‡			
	8,100†	588†	8,688†	7,456†	281†	7,737†			

* Water was allowed free—vide G. R. No. A. I.—11545, dated 26th July 1921.

† Area under consolidated assessment.

‡ Area indirectly irrigated by underground percolation from the Mutha Right Bank Canal.

STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency, excluding Sind, for the year 1921-1922.

No.	Names of Works.	Amount due, 1921-1922.		Remissions.		Total.		Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.								
	Productive								
1	Gadikeri Tank	...	...	...	...	...	...	...	
2	Mávinkop do.	...	...	...	...	...	...	...	
	Total, Productive ...	...	...	...	...	...	...	...	
	Unproductive.								
3	Hathmati and Khari Cut Canals combined	36,333	13,540	4,368*	218†	32,405	13,322	95,727	*Remission of Rs. 109 had to be given on account of the crops being dried up due to late transplantation and Rs. 4,203. on account of Himayat realised along with land revenue. †Remissions of Rs. 218 had to be given on account of failure of crops in Rabi season. ‡Remission of Rs. 33 had to be given on account of the crops being dried up and Rs. 108 on account of himayat realised along with land revenue.
4	Wangroli Tank	2,779	5,503	...	...	2,779	5,503	8,282	
5	Tranje-Nagramma Tanks ...	145	73	...	...	145	73	218	
6	Savli Tank	5,942	2,534	146‡	...	6,496	2,534	9,030	
7	Sabiat do.	496	1,189	...	...	496	1,189	1,685	
8	Futako do.	8	177	...	...	8	177	185	
9	Lower Pánjhra River Works ...	10,208	3,774	226	...	9,982	3,774	13,756	
10	Hartála Tank	...	95	...	...	...	95	95	
11	Mhasve do.	...	1,627	...	...	...	1,627	1,627	
12	Jámda Canals	1,680	4,011	...	...	1,680	4,011	5,691	
13	Bhátodi Tank	1,650	3,727	...	...	1,650	3,727	5,377	
14	Ekrúk do.	38,188	16,173	...	...	38,188	16,173	54,361	
15	Koregaon do.	...	1,094	...	...	...	1,094	1,094	
16	Ashti do.	1,318	16,281	...	...	1,318	15,281	17,599	
17	Pádhri do.	...	4,042	...	...	...	4,042	4,042	
18	Krishna Canal	33,564	19,037	...	...	33,564	19,037	52,201	
19	Mhaswad Tank	19,935	42,273	...	...	19,935	42,273	62,208	
20	Revari Canal	305	1,773	1	35	305	1,743	2,048	
21	Upper Mán River Works ...	1,305	4,841	...	...	1,305	4,841	6,146	
22	Yerla River Irrigation Works ...	1,000	17,608	8	7	992	17,596	18,588	
23	Chikhli Canal	1,051	397	...	...	1,051	397	1,448	
24	Maini Tank	2,758	7,187	...	...	2,758	7,187	9,945	
25	Muchkundi Tank	...	...	...	...	...	...	...	
26	Gokák Canal, 1st Section, and Storage Works ...	29,468	18,312	...	...	29,468	18,312	47,780	
27	Dámbal Tank	1,079	406	...	...	1,079	406	1,485	
28	Medleri do.	443	...	...	...	443	...	443	
29	Madag do.	2,128	1,214	...	...	2,128	1,214	3,342	
30	Asundi do.	310	285	...	...	310	285	595	
31	Dharma Canal	2,810	...	100	...	2,810	...	2,810	
32	Kádva River Works. (Waghad Tank ... / Pálkhed Canal ... / Ojhar Támbat Canal ... / Waddli Canal ...)	...	...	...	...	...	...	...	
		9,401	14,170	...	...	9,401	14,170	23,571	
33	Chankapur Tank—Girna Left Bank Canal	15,281	15,568	...	...	15,281	15,568	30,849	
34	Pravara River Works—Lákh Canal	438	496	...	...	438	496	934	
35	Lake Beale-Darna Dam ...	921	208	...	...	921	208	1,129	
	Godavari Right Bank Canal ...	2,09,206	87,901	...	...	2,09,206	87,901	2,97,107	
	Godavari Left Bank Canal ...	1,50,207	56,498	...	...	1,50,207	56,498	2,06,705	
36	Pravara River Works—Pravara Right Bank Canal	16,837	49,094	...	...	16,837	49,094	65,931	
37	Parsul Tank	1,931	...	...	...	1,931	...	1,931	
38	Pravara River Works—Pravara Left Bank Canal	51,651	52,798	...	...	51,651	52,798	1,04,449	
39	Mutha Canals and Málegaon Tank	2,27,089	26,995	43	515	2,27,046	26,480	2,53,526	
40	Nira Canal and Shetphal Tank combined	5,29,168	1,23,368	100	...	5,29,068	1,23,368	6,52,436	
41	Kásurdi Tank...	39	...	...	...	39	...	39	
42	Shirnaphal do.	910	529	...	...	910	529	1,439	
43	Bhádalvádi do.	4,290	3,165	...	...	4,290	3,165	7,455	
	Total, Unproductive ...	14,72,397	6,25,746	4,987	775	14,68,410	6,24,971	20,93,381	
	GRAND TOTAL ...	14,72,397	6,25,746	4,987	775	14,68,410	6,24,971	20,93,381	

STATEMENT I-F.

Statement showing water-rates per acre in force during 1921-1922 on Irrigation Works in the Bombay Presidency, excluding Sind.

No.	Names of Works.	Water-rates.							Single water.	Complete rate.	Occupier's rate.	Under cultivation.	Remarks.
		Irrigation in blocks.	Perennial.	Early, eight months.	Mon-soon, four months.	Rabi, four months.	Hot weather.	Miscellaneous.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Works for which Capital and Revenue Accounts are kept.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				
	Productive.												
1	Gudkeri Tank (a)	...	...	...	...	...	...	...	...				(a) Lands assessed as consolidated rates.
2	Navinkop Tank (a)	...	...	...	...	...	...	...	...				
	Unproductive.												
3	H ismail Canal (b)	...	...	10	3	1	2	6	...	3			(b) Rates sanctioned in Government Resolution No. A. I.—1639, dated 6th September 1910, and continued up to 15th June 1923 *vide* Government Order No. A. I.—9000, dated 14th September 1917, and Government Resolution No 825, dated 7th April 1923.
4	Khari Cut Canal (b)	...	...	14	7	1	5	6	...	3			(c) Rates sanctioned in Government Resolution No. A. I.—1154, dated 16th May 1916, are to continue upto 31st July 1923—*vide* Government Resolution No. A. I—10165, dated 14th September 1915, and Government Resolution No. 823, dated 7th April 1923.
5	Wangee Ii Tank (c)	...	...	...	2½	...	4	6	For rice 4	1½			
6	Tamki-Nagnaoma Tanks (d)	...	...	...	2	...	4	6	For rice 4	1			(d) Rates sanctioned in Government Resolution No. A.I.—1335, dated 14th June 1910, are to continue upto 15th June 1923—*vide* Government Resolutions No. A. I.—297, dated 10th January 1916 and No. 815, dated 7th April 1923.
7	Solat Tank (d)	...	...	...	2½	...	4	6	For rice 4	1½			
8	Futelao Tank (e)	...	...	...	...	Rice up to end of October & Other Kharif 3	(b) 3 (f) 2	Provisional 3	...	f (1)			(e) Rates sanctioned in Government Order No. A. I.—10265, dated 5th July 1921.
9	Lower Panjra River Works (g)	...	...	9	3	4	6	...	1				(b) For ordinary Rabi.
													(f) For reasonable crops grown after rice.
													(f) In either kharif or rabi season.
10	Hartala Tank (h)	...	...	9 (rice) 12	6	3	3	4	...	*1	Nil.	Nil.	(h) In force for five years ending 31st March 1926—*vide* Government Order No. A. I.—11478, dated 9th July 1921.
11	Mharra Tank (i)	...	...	9 (rice) 12	5	2	3	4	...	*1			(i) In force till 31st March 1923—*vide* Government Order No. A. I.—13793, dated 22nd July 1920.
12	Jamda Canal (j)	...	...	10 (rice) 15	5	2	3	5	...	*1			(m) The perennial rate for sugarcane and pan gardens. (n) In force from 16th October 1920 to 15th October 1923 as sanctioned in Government Order No. A. I.—3223, dated 29th March 1921. For late 8 months Rs 12 are charged. (o) Rates to be in force for a period of six years ending 15th February 1926—*vide* Government Order No. A. I.—9768, dated 4th October 1918. (p) In force for 10 years ending 15th June 1930—*vide* Government Order No. A. I. 19693, dated 8th December 1919. (q) Rates sanctioned for a period of six years with effect from 15th February 1918—*vide* Government Order No. A. I.—1876, dated 12th February 1918. (r) Water allowed free vide—Government Order No. A. I.—11945, dated 26th July 1921.
13	Bhatodi Tank (n)	...	...	14½	8½	2½	6	8	...	1			
14	Ekrak Tank (o)	...	...	*17½	8	3	5	7	...	*1			
15	Koregaon Tank (o)	...	...	*16	7	3	4	6	...	*1			
16	Ashti do. (p)	...	...	*16	7	3	4	6	...	*1			
17	Pathri do. (q)	...	...	*16	7	3	4	6	...	*1			
18	Krishna Canal (p)	...	...	*16	8	3	5	8	...	*1			
19	Bhamani Tank (q)*	...	...	14	8	3	5	8	...	1			
20	Savari Canal (p)	...	...	*12	6	2	4	6	...	*1			
21	Upper Man River Works (p)	...	...	*12	6	2	4	6	...	*1			
22	Varla River Irrigation Works (p)	...	...	*12	6½	2	4½	6½	...	*1			
23	Chikhli Canal (p)	...	...	*12	6	2	4	6	...	*1			
24	Malvi Tank (p)	...	...	*12	6	2	4	6	...	*1			
25	Nashbandi Tank (r)	...	...	...	...	...	...	...	...	...			

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.

(4) Water rate for non-irrigational purposes should not be less than Re. 1 per 10,000 cubic feet, *vide* Government Resolutions No. A.I.—879, dated 28th January 1915 and No. A. I.-7005, dated 21st July 1916.
(5) Re. 2 per acre to be charged for single watering given to those who are not regular irrigators or holders of rabi-leases *vide* Government Resolution No. A.I.—1750, dated 5th July 1906 and Government Order No. A.I.—2236, dated 3rd March 1916.

* For Sugarcane and Pan gardens double the ordinary rates are charged.

STATEMENT I-F—*concluded.*

No.	Names of Works.	Water-rates. Irrigation in blocks.	Perennial.	Early, eight months.	Monsoon, four months.	Rabi, four months.	Hot weather.	Miscellaneous.	Single water.	Occupier's rate.	Owner's rate. Water advan. Light.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—*contd.*		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				
	Unproductive—contd.												
26	Gokak Canal, 1st Section, (a).	...	...	{ (b) 22 (c) 16 }	8	3	3	14	...	1	...		(a) Rates sanctioned for a period of five years up to 31st March 1922 in Government Order No. A. I.—9365, dated 9th July 1919.
27	Dambal Tank (d) ...	...	...	(e) 14	{ (f)6 (g)7½ }	(h)4	(i) 4½	(j) 7	...	{ (k) 1 (l) 2 }	...		(b) For whole year. (c) For Sugarcane irrigated from 16th June to 15th February. (d) Sanctioned for a period of five years ending 31st March 1926, *vide* Government Order No. A.I.—11243, dated 9th September 1916.
28	Modleri do. (d) ...	...	...	(e) 14	{ (f)6 (g)7½ }	(h)4	(i) 4½	(j) 7	...	{ (k) 1 (l) 2 }	...		(e) For Sugarcane, Betel-leaf, Cocoanut trees, etc., for twelve months. (f) From 16th June to 15th February.
29	Madag do (d) ...	...	...	(e) 10	{ (f)6 (g)7½ }	(h)4	(i) 4½	(j) 7	...	{ (k) 1 (l) 2 }	...		(g) ,, 15th October to 15th June or 1st August to 31st March.
30	Asundi do. (d) ...	...	...	(e) 24	{ (f)6 (g)7½ }	(h)4	(i) 4½	(j) 7	...	{ (k) 1 (l) 2 }	...		(h) ,, 16th June to 15th October or 15th July to 30th November.
31	Dharma Canal (m) ...	...	...	...	...	3	...	...	...	{ (k) 1 (l) 2 }	...		(i) ,, 15th October to 15th February.
32	Kidawe River Works (n)**.	{ Silkhed Canal ... Ojhar Tasmbat Canal. Wadki Canal ... }	...	15	8	3	5	7	...	{ (o) 1 (p) 2 }	...		(j) ,, 16th June to 15th June. (k) ,, 16th October to 14th June. (l) ,, 16th February to 15th June. (m) Rates sanctioned for a period of five years ending 31st March 1927—*vide* Government Resolution No. 1577, dated 20th April 1922.
33	Girna Left Bank Canal (q)**.	...	...	14	8	3	5	6	...	{ (q) 1 (r) 2 }	...		(n) Rates sanctioned for a period of five years ending 15th February 1924—*vide* Government Order No. A. I.—11465, dated 28th August 1919. (o) For monsoon and rabi seasons. (p) For hot weather season.
34	Pravara River Works—Lakhi Canal (s)	...	...	8	4	½	2	4	...	...	...		(q) Rates sanctioned in Government Resolution Nos. A. I.—1431 and 1064, dated 28th June 1910 and 4th October 1911 respectively. (r) For sugarcane and pan gardens.
35	{ Godavari Right Bank Canal (t) ... Godavari Left Bank Canal (t).	...	{ (u) 45 (v) 22½ }	12	8	5	7	...	{ (w) 1 (x) 2 }	...	NIL.	NIL.	(s) Rates sanctioned in Government Resolution No. A. I.—12697, dated 11th December 1919 until an improved supply of water from Lake Archer Hill is available. (t) Rates sanctioned in Government Resolution No. A. I.—6371, dated 27th June 1917 for a period of six years ending 14th February 1924. A uniform rate of Rs. 2 per acre for lands let out for cultivation in the beds of Lake Beale sanctioned in Government Resolution No. A. I.—2700, dated 9th August 1912 is to continue up to the 1st June 1923—*vide* Government Resolution No. A. I.—11749, dated 10th June 1920. (u) For Sugarcane. (v) For perennial crops other than those for Sugarcane and Pan gardens.
36	{ Pravara River Works ... Pravara Right Bank Canal (y)**	...	...	...	...	2	{ (z) 5 3	4	...	1	...		(w) From 15th June to 14th February for ordinary crops and (x) from 15th February to 14th June for ordinary crops and for sugarcane and pan gardens throughout the whole year as sanctioned in Government Resolution No. A. I.—1536, dated 24th July 1911 and 4914, dated 15th May 1912.
37	Parsul Tank (aa) ...	...	...	7	2	5	8	...	...	{ 1 2 }	...		(y) Rates sanctioned till an assured supply of water can be given from the Reservoir at Bhandardara, *vide* Government Resolutions No. A. I.—1026, dated 1st September 1910, No. A. I-2356, dated 8th March 1913 and No. A.I.—40837, dated 2nd November 1917. (z) Rates sanctioned in Government Resolution No. A. I.—11436, dated 25th July 1921.
38	{ Pravara Left Bank Canal ... Sugarcane under the Mutha Canal within the Poona City and Suburban Municipal and Cantonment limits or within one mile of those limits.	...	...	50	...	...	...	...	...	...	...		(aa) Rates sanctioned in Government Resolution No. A. I.—2355 dated 30th March 1921. Water is not to be reserved for perennial irrigation, if available it is to be issued to double the hot-weather rates.
39	MUTHA CANAL AND MALIKA TANK (c) { On all remaining land commanded by both the canals.	...	...	(a) 45	...	...	...	...	...	...	...		* For Pan gardens. † This rate is levied in proportion to the time for which water is supplied, according to the scale laid down in Note (c) to the schedule attached to Government Resolution No. A. I.—2218, dated 15th October 1910—*vide* Government Resolution No. A.I.—6007, dated 27th May 1916.
	{ Pán gardens ... ... Matoba Tank	...	...	* 30 † 45	12	3	5	7	...	{ ½ (x)2 }	(f)		(1) Rate sanctioned in Government Resolution No. A. I.—2218, dated 15th October 1910, are to continue up to 12th February 1924—*vide* Government Resolution No. A. I.—12940, dated 18th November 1920.
	{ Perennial crops other than Sugarcane and Pán gardens.	...	...	(x) 22½	...	...	...	...	...	½ (x)2			(2) Block rate Rs. 30 per acre on the Nira Left Bank Canal is sanctioned for five years ending 14th February 1924—*vide* Government Resolution No. A.I.—879, dated 29th January 1918.
40	Nira Canal and Shetphal Tank. (l)	20½	{ (y) 45 * 30 (x) 22	12	3	5	7	...	{ 1½ (x)2	(f)			
41	Kásarsi Tank (l)** ...	...	...	...	6½	2½	4	6	...	{ 1 (x)2	...		
42	Shirsuphal do. (1)** ...	...	...	...	6½	2½	4	6	...	{ 1 (x)2	...		
43	Bhadnidadi do. (1)** ...	...	...	...	6½	2½	4	6	...	{ 1½ (x)2	...		

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.
(4) Water rate for non-irrigational purposes should not be less than Re. 1 per 10,000 cubic feet, *vide* Government Resolutions No. A. I.—679, dated 28th January 1913, and No. A.I.—7994, dated 31st July 1912.
(5) Rs. 2 per acre to be charged for single watering given to those who are not regular irrigators or holders of *rabi* leases, *vide* Government Resolution No. A.I.—1790, dated 5th July 1905, and Government Order No. A.I.—3625, dated 3rd March 1908.

** For Sugarcane and Pán gardens double the ordinary rates are charged.

STATEMENT G.

Statement showing Areas and Water-rate Assessments in the Bombay Presidency, fixing the Scale

No.	Name of Works.	Irrigation in Blocks.		Perennial.		8 Months.		Monsoon—4 Months.		Rabi—8 Months.	
		Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.
	Works for which Capital and Revenue Accounts are kept.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
	Productive.										
1	Gadikeri Tank	...	...	...	...	...	...	...	...	...	...
2	Masinkop do.	...	...	...	...	...	...	...	...	...	...
	Total Productive ...	...	...	...	...	...	...	...	...	...	...
	Unproductive.										
3	Hathmati and Khari Cut Canals combined	...	...	...	...	...	...	11,915	26,854	4,751	18,560
4	Wangrol Tank...	...	...	...	...	...	...	703	2,719	1,020	3,903
5	Tranta-Bagrauna Tanks	...	...	...	...	...	...	42	144	26	72
6	Savli Tank	...	...	...	...	...	...	1,444	6,323	1,199	5,524
7	Sahiat do.	...	...	...	...	...	...	111	496	290	1,199
8	Futalao do.	...	...	...	...	...	...	1	2	100	277
9	Lower Pánjhra River Works	...	...	28	251	184	1,116	...	...	626	2,902
10	Harisal Tank	...	...	...	...	...	...	...	...	30	93
11	Mhasva do.	...	...	...	...	...	...	...	...	252	1,057
12	Jamda Canals	...	...	7	94	158	964	97	220	1,027	3,103
13	Bhátodi Tank...	...	...	...	...	102	1,383	82	371	524	2,643
14	Kirdk do.	...	...	493	15,230	1,168	9,624	103	503	2,044	10,329
15	Kanrgaon do.	...	...	...	...	...	...	...	...	183	1,094
16	Ashti do.	...	...	29	564	97	756	...	...	2,256	10,344
17	Pakhri do.	...	...	...	...	284	1,189	...	...	561	2,223
18	Krishna Canal	1,077	18,191	1,043	7,698	2,701	8,512	3,010	14,586		
19	Mhaswad Tank	69	616	1,767	15,956	839	3,664	6,147	35,618		
20	Bovari Canal	15	102	54	324	92	180	847	1,383		
21	Upper Mán River Works	14	80	153	554	532	803	1,042	4,579		
22	Yerla River Irrigation Works	34	370	712	1,038	179	277	5,444	15,000		
23	Chikhali Canal	22	218	36	190	420	869	35	150		
24	Mainl Tank	55	234	9	61	...	...	1,200	4,000		
25	Muckkundi do.	67	...	...	...	141	...	62	...		
26	Gokak Canal, 1st Section, and Storage Works	225	4,858	1,063	8,492	5,922	19,014	9,611	18,645		
27	Dámbal Tank	4	52	7	56	222	997	96	903		
28	Mudheri do.	30	428	...	...	2	8	...	...		
29	Mudag do.	85	848	17	127	601	2,068	184	776		
30	Asundi do.	8	75	18	119	57	291	8	29		
31	Dharma Canal	...	...	...	...	437	2,910	...	...		
32	Kádva River { Walchal Tank ... ... / Pálkhed Canal ... ... / Works. { Ghar-Támbat Canal ... ... / Wadali Canal	234	3,287	1,220	11,454	28	714	995	7,742		
		179	2,084	491	2,959	29	126	289	2,299		
		153	2,849	390	3,819	31	338	430	2,892		
33	Chankapur Tank—Girna Left Bank Canal	157	3,292	466	3,898	1,025	5,160	3,146	14,868		
34	Pravara River Works—Lakhi Canal ...	6	1.71	7	23	103	79	238	403		
35	{ Darna Dam—Lake Basin ... ... / Godavari Right Bank Canal	4,237	1,75,031	1,431	17,019	3,817	19,013	12,436	97,672		
	Left Bank Canal	5,390	1,37,906	901	9,693	1,580	4,783	8,057	46,110		
36	Pravara River Works—Pravara Right Bank Canal	266	6,475	330	1,397	6,656	11,877	6,974	44,547		
37	Parnal Tank	23	220	55	275	647	1,259	182	3,627		
38	Pravara River Works—Pravara Left Bank Canal	1,07	32,833	499	2,397	9,568	18,432	7,632	45,839		
	Within the Poona City, Suburban Municipal and Cantonment limits or within one mile of those limits	378	25,800								
39	Mutha Canals, including— { On all the remaining land commanded by both Canals ... / Pán gardens wherever situated throughout the Canals...	4,922	1,63,328								
		10	218								
		5,490	1,89,049	1,061	22,063	4,629	15,200	8,027	19,745		
	Mutha Tank	176	3,796								
		5,666	1,91,835								
40	Nira Canal, including Shirpal Tank.	15,949	3,16,980	2,731	75,355	3,611	43,857	10,624	81,134	27,129	1,61,145
41	Kásurdi Tank	...	...	...	...	...	...	39	39	...	...
42	Shirnmbal do.	66	370	16	43	142	491	361	575		
43	Bhádalvadi do.	7	91	393	2,171	622	2,351	6.6	2,622		
	Total Unproductive ...	15,949	3,16,980	20,277	6,81,218	18,483	1,72,376	64,189	2,33,300	1,08,213	5,77,723
	Average rate ...	...	20·00	...	33·59	...	9·33	...	3·62	...	5·29
	Grand Total ...	15,949	3,16,980	20,277	6,81,218	18,483	1,72,376	64,189	2,33,300	1,08,213	5,77,723
	Average rate ...	...	20·00	...	33·59	...	9·33	...	3·62	...	5·29

G.

excluding Sind, during 1921-1922, according to the system of classification adopted in of Water-rates.

Hot Weather.		Miscellaneous.		Grand Total.		Remarks.
Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	
...	...	...	...	...	...	
...	...	...	...	...	...	
...	...	...	...	...	...	
15	63	...	...	16,681	1,00,437*	* Remission of Rs. 160 had to be given on account of the crops being dried up due to late transplantation and failure of crops and Rs. 4,209 on account of Himayat realized along with land revenue in kharif season.
...	...	...	...	1,733	6,282	
...	...	...	...	78	217	
...	...	...	...	2,663	8,906†	Do. of Rs. 218 on account of failure of crops in rabi season.
...	...	...	...	409	1,696	† Remission of Rs. 33 had to be given on account of the crops being dried up and Rs. 108 on account of Himayat realized along with land revenue.
...	...	...	...	61	185	
...	...	7	14	840A	4,283B	A.—Exclusive of 1,876 acres of mamul Bagayat area.
...	...	1	2	81	95	B.—Exclusive of Rs. 9,492 on account of enhanced water rates on old works.
...	...	10	20	632	1,927	
49	255	14	55	1,632	5,591	
...	...	...	...	749	5,377	
420	2,019	1,410	14,561	6,043	54,494	
...	...	...	...	183	1,094	
4	28	4	8	3,379	17,588	
...	...	...	...	846	4,643	
111	263	443	4,037	8,853	53,201	
...	...	1,636	6,895	10,424	62,308	
...	...	...	...	506	2,084	
...	...	3	14	1,665	8,149	
...	...	5	22	4,374	18,003	
...	...	7	25	514	1,428	
...	...	88	552	2,543	9,945	
...	...	...	...	87‡	...	‡ Water allowed free—*vide* Government Order No. A. I —11545, dated 26th July 1921.
81	606	124	105	10,359	47,780	
...	...	81	93	397	1,485	
1	7	...	...	33	443	
...	...	1	2	718	3,342	
...	...	17	62	162	695	
...	...	...	...	437	2,810	
...	...	...	...	...	...	
24	125	43	838	2,582	28,570	
...	...	57	353	1,024	9,356	
49	476	6	262	1,063	10,221	
666	3,968	191	1,005	5,623	30,849	
102	198	...	...	516	934	
...	...	447‖	1,129	447‖	1,129	‖ This represents area in the basin of Lake Beale let out for cultivation.
3,4[illegible]	29,657	...	...	25,259	2,55,884	
1,695	11,204	...	...	15,617	2,10,106	
447	1,735	535	...	15,247	66,931	
...	...	7	317	1,46	5,077	
45	249	921	...	18,702	1,04,449	
99	793	604	3,600	16,047 28**	2,55,051††	** This represents an area of 28 acres indirectly irrigated by underground percolation from the Mutha Right Bank Canal and hence it cannot be classified in respect of different crops. The revenue derived therefrom is Rs. 62.
						†† Remission of Rs. 558 had to be granted for erroneous charges made.
202	2,013	9,277	32,893	68,714	6,52,287‡	‡ Remission of Rs. 160 had to be granted for erroneous charges made.
...	...	...	...	39	34	
...	...	1	1	481	1,440	
...	...	36	151	1,674	7,456	
7,378	48,519	15,945	66,973	2,51,364 28**	20,96,162	
...	6·58	...	4·20	...	8·33	
7,378	48,519	15,945	66,973	2,51,364 28**	20,96,162	
...	6·58	...	4·20	...	8·33	

STATEMENT

Statement showing operations of the year 1921-1922

Number.	Names of Works.	Amount of Estimate, Direct and Indirect.	Capital Outlay, Direct and Indirect.		Length of		Area under Command.	
			During 1921-1922.	To end of 1921-1922.	Canal.	Distributaries.	Gross.	Irrigable at present.
1	2	3	4	5	6	7	8	9
	Works for which Capital and Revenue Accounts are kept.	Rs.	Rs.	Rs.	Miles.	Miles.	Acres.	Acres.
	Productive.							
1	Gadikeri Tank	17,531	...	16,918	...	1·50	687	417
2	Mavinkop do.	34,384	...	33,504	...	2·79	872	617
	Total, Productive ...	51,915	...	50,422	...	4·29	1,559	1,034
	Unproductive.							
3	Hathmati Canal and Khari Cut	7,62,392†	...	13,15,978	21	53·00	44,744	8,000
	Canals combined	6,10,332			39	29·50	32,000	16,000
4	Wangroli Tank	2,48,544	...	2,90,930	17·26	...	5,000	3,400
5	Tranza-Nagramma Tanks	3,12,734	...	2,80,635	7·50	...	1,500	800
6	Savli Tank	2,49,322	...	2,58,210	8·35	1·32	4,700	3,000
7	Sahisa do.	1,56,782	...	1,84,070	9·25	1·79	4,000	3,000
8	Punsan do.	1,10,725	...	1,15,461	3·99	...	1,500	800
9	Lower Panjara River Works	7,04,681†	...	4,68,621	...	45	18,717	12,627
10	Harsala Tank	75,040	...	73,383	...	5·50	534	415
11	Mhasva do.	1,49,015	...	1,38,956	...	7·00	4,647	1,709
12	Jamda Canal	10,88,640	...	10,41,089	39·00	75·00	46,288	5,000
13	Bhatodi Tank	3,76,278	...	3,79,707	4·50	5·50	15,125	12,124
14	Kiruk do.	21,35,360†	...	15,40,986	43·00	1·98	17,123	16,911
15	Koregaon do.	42,049	...	39,189	3·75	...	2,394	1,050
16	Ashti do.	8,34,927	...	8,36,091	27·50	3·15	17,382	11,780
17	Pathri do.	6,72,856	...	6,42,846	4·66	3·33	5,000	2,500
18	Krishna Canal	16,40,996†	...	9,44,459	63·27	...	28,227	12,230
19	Mhasvad Tank	27,84,496†	...	20,36,016	66·25	43·36	129,045	24,840
20	Rowari Canal	59,443	...	59,811	10·25	...	3,813	1,020
21	Upper Man RiverWorks	4,44,531	...	4,39,295	17·50	6·50	8,443	2,050
22	Yerla River Irrigation Works...	7,45,314	...	7,64,870	39·23	4·00	11,294	5,630
23	Chikhli Canal	57,415	...	57,412	6·50	...	1,871	1,478
24	Maini Tank	3,90,492	...	4,57,650	9·25	7·58	4,376	4,625
25	Muchkundi Tank	1,68,420	...	1,58,707	5·50	2·25	5,570	750
26	Gokak Canal, 1st Section and Storage Works	15,40,823†	...	13,81,922	16·13	35·43	18,668	17,627
27	Dambal Tank	64,906	...	63,980	...	3·27	3,000	1,000
28	Medleri do.	81,705	...	81,392	...	5·64	1,916	600
29	Madag do.	2,49,407	...	1,97,598	9·00	...	2,851	1,345
30	Asundi do.	80,485	...	74,925	...	4·86	1,800	1,011
31	Dharma Canal	98,334	...	97,892	27·15	3·71	13,662	12,870
32	Waghad Tank	7,01,730†	...		...	...	...	...
	Kadva River { Falkhad do. do.	4,66,402†	...	10,34,191	11·00	14·36	28,833	9,237
	Works ... { Ojhar Tambat Canal,	17,736†	...		4·50	...	8,055	2,267
	Wadali Canal ...	68,461†	...		8·62	...	3,486	2,433
33	Chaukapur Tank—Girna Left Bank Canal	20,37,083	43,270	20,34,703	13·81	20·80§	29,182	8,500
34	Pravara River Works—Lakhi Canal ..	7,69,764†	...	3,71,891	23·00	9·37	29,913	11,280
35	{ Lake Beale—Darna Dam				69·00§	47·25§	144,810	49,231
	{ Godavari Right Bank Canal ...	1,01,47,321	59,969	1,02,11,639	48·00§	15·25§	88,080	30,109
	{ Godavari Left Bank Canal ...							
36	Pravara River Works—Pravara Right Bank Canal	1,50,88,491*	10,21,631	1,18,26,000	33·00§	13·00§	73,763	16,960¶
37	Parsul Tank	2,23,612	...	2,14,995	...	4·75	3,337	1,000
38	Pravara River Works—Pravara Left Bank Canal	.....	...	3,47,550	47·12§	93·25§	125,044	23,760¶
39	Mutha Canals, including Matoba { Tank	1,23,78,762† 2,10,500	...	65,39,953	88·00	84·00	104,787	20,050
40	Nira Canal, including Shetphal { Tank	89,42,907† 5,06,034†	6,671	65,99,988	105·79	139·00	274,447	117,430
41	Kasurdi Tank	45,590	...	45,590	...	1·75	527	150
42	Shirsuphal do.	2,22,382	...	2,24,568	...	12·50	4,500	1,500
43	Bhadalvadi do.	2,28,724	...	2,27,422	...	9·75	3,000	2,000
	Total, Unproductive ...	6,93,17,423	11,22,541	5,36,57,955	956·23	813·40	1,371,943	488,100
	Grand Total ...	6,93,69,338	11,22,541	5,37,08,377	956·23	817·69	1,373,502	489,134

* Includes the cost of the Pravara Left Bank Canal.

H.

in the Bombay Presidency, excluding Sind.

Rainfall.	Discharge of Canal at head, cubic feet per second.	Area. Applied for.	Area. Irrigated.	Amount of gross Assessment.	Realizations.	Working Expenses.	Net Revenue.	Remarks.
10	11	12	13	14	15	16	17	18
Inches.		Acres.	Acres.	Rs.	Rs.	Rs.	Rs.	
29·41	0·31	...	395*	2,361	2,361	1,342	1,019	* Area under consolidated assessment.
37·55	0·04	...	6*	1,241	1,241	2,008	—767	† Water allowed free (*vide* Government Resolution No. A.I.—1154, dated 26th July 1921).
...	.....	...	401*	3,602	3,602	3,350	252	
43·32	77	5,013	3,796	1,00,161	63,023	45,761	17,247	
42·61	49	13,532	12,335					
46·05	142·58	1,418	1,733	6,435	6,204	9,242	—3,038	
35·32	27·15	68	78	2,426	2,288	2,210	—222	
42·35	131·71	1,320	2,263	2,909	2,900	5,900	—3,786	
37·27	106·62	478	409	2,370	2,302	5,000	—3,598	
40·60	4·00	120	61	241	57	1,844	—1,787	
22·22	3·41	740	840	28,670	26,495	16,198	10,297	† Includes interest charges during construction.
			1,376*					
23·38	0·03	30	31	631	677	1,228	—551	
28·75	1·27	507	532	3,138	3,135	2,776	359	
23·56	26·78	1,555	1,632	8,295	17,400	14,041	3,359	
16·37	1·08	831	749	9,157	6,216	5,868	448	
15·86	23·69	5,643	5,643	1,67,618	1,71,152	20,789	1,50,363	
19·77	0·38	153	133	1,209	149	1,187	—1,038	
19·06	5·17	3,379	3,379	27,832	88,580	11,446	27,135	
19·83	1·76	846	846	8,976	5,851	7,697	—1,846	
17·26	59·61	8,816	8,353	54,036	55,788	24,805	30,893	
15·90	33·00	6,259	10,425	73,898	84,089	35,485	48,604	
22·25	2·14	1,048	606	2,286	1,681	3,725	—2,044	
15·69	2·32	2,345	1,666	6,183	1,755	9,477	—7,722	
19·00	14·69	7,203	4,374	19,393	17,048	26,638	—9,590	
16·25	2·08	654	514	1,659	2,367	3,743	—1,376	
19·10	5·60	3,532	2,543	10,574	10,706	10,706	406	
18·98	.....	...	97‖	2,493	2,493	1,945	548	
21·03	39·11	4,320	10,359	68,261	68,662	52,193	16,469	
18·54	2·58	549	397	2,553	2,879	4,093	—1,214	
			144*					
11·39	3·22	52	33	443	699	3,415	—2,716	
22·46	9·90	779	718	3,449	4,903	2,470	2,433	
21·05	2·05	118	102	1,462	1,223	944	279	
			190*					
21·30	33·33	237	437	13,792	14,454	3,722	10,732	
			5,126*					
...	.....	...	.....					
15·47	19·00	2,000	2,583	46,788	36,855	43,825	—6,970	
14·24	5·00	800	1,024					
15·21	5·00	920	1,062					
15·03	28·00	5,523	5,623	31,227	30,729	28,719	2,010	§ As actually completed.
18·67	6	...	516	1,714	2,055	10,563	—8,508	
29·23	.....	447	447					
16·91	173	...	25,250	5,30,568	6,98,301	2,70,649	4,27,652	
16·91	109	...	15,517					
11·20	52	...	15,247	66,879	38,268	42,666	—9,408	¶ The irrigable area as given in the second revised project of the Pravara River Works is 57,000 acres. This includes the old area "irrigable at present", viz., 11,280 acres under Lakh Canal. The balance is distributed between the two Pravara Canals in proportion to their gross commands.
16·41	3	1,200	1,465	6,054	1,723	1,090	633	
11·20	103	...	19,702	1,06,526	37,632	50,865	—13,233	
16·15	153							
9·61	9		16,047	3,07,783	3,04,906	1,15,028	1,89,878	
17·33	279	Information not available.	291					
20·35	15		68,714	6,60,065	7,85,650	2,13,452	5,72,198	
13·89	.....		39	1,367	1,475	839	636	
7·41	2		481	2,787	7,166	3,604	3,561	
16·41	3		1,074	7,883	4,593	3,152	1,441	
...	.....	31,314	251,392	24,04,516	25,58,303	11,20,289	14,38,014	‖ Represents area indirectly irrigated by underground percolation from the Mutha Right Bank Canal.
			7,336*					
...	.....	31,314	251,392	24,08,118	25,61,905	11,23,639	14,38,266	
			7,737*					

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND,

FOR THE YEAR 1921-22.

STATEMENT I-A.

Statement of Canals in the Indus Right Bank Division for the year 1921-22.

	55. Construction of Irrigation, Navigation, Embankment and Drainage works Capital expenditure not charged to Revenue.							15. Other Revenue expenditure financed from ordinary Revenues—Works for which only Revenue accounts are kept.		
	1-Productive.					2-Unproductive.				
	Begari Canals District.			Ghar Canals District.		Shikarpur Canals District.	Karachi Canals District.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.
	Desert Canal.	Unharwah.	Begari Canal.	Sukkur Canal.	Ghar Canal.	Mahiwah.	Sattah.	Other Canals.	Other Canals.	Other Canals.
1	2	3	4	5	6	7	8	9	10	11
Source of supply of water ...	River Indus.	River Indus.	Wadhu Dhand ex-River Indus.	River Indus.	River Indus.	Gudu Dhand ex-River Indus.	River Indus.	River Indus.	River Indus.	River Indus.
Minimum discharge of water C. ft. per second.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maximum discharge of Canal C. ft. per second.	4,200	2,700	7,500	3,442	11,332	2,142	1,873	.....	.....	.....
Average annual rainfall ... Inches.	5·53	3·90	4·87	3·16	2·65	.....	7·6	3·23	3·73	2·33
Gross area commanded ... Acres.	388,985	246,970	751,680	246,718	505,649	200,251	60,976	477,924	990,586	6,158,771
Culturable area commanded „	382,985	214,066	680,621	162,118	395,944	145,445	33,545	386,006	702,046	1,799,083
Area irrigable by complete project ... ... „	122,660	112,025	340,260	90,000	250,000	99,000	23,757	229,640	405,311	1,295,923
Area irrigable at present ... „	122,660	112,025	340,260	90,000	250,000	99,000	23,757	229,640	397,696	262,718
Sanctioned Estimate.										
Direct charges ... ... Rs.	27,35,316	7,88,830	24,67,048	14,37,813	6,37,715	15,17,356	1,80,079	.....	.....	.....
Indirect charges ... ... „										
Interest during construction. „	30,30,175	8,09,096	33,44,147	26,45,245	9,53,770	9,23,921	1,03,471	.....	.....	.....
Total Estimate ... Rs	57,65,491	15,97,926	58,11,195	40,83,058	15,91,485	24,41,277	2,83,550	.....	.....	.....
Expenditure to end of 1921-22.										
Direct charges ... ... Rs.	25,55,301	7,58,050	22,88,093	13,76,052	6,04,192	13,80,892	1,74,028	.....	.....	.....
Indirect charges ... ... „	80,005	20,780	78,955	61,761	33,523	56,792	6,051	.....	.....	.....
Interest during construction. „	30,30,175	8,09,096	33,44,147	25,45,245	9,53,770	9,23,921	1,03,471	.....	.....	.....
Total Expenditure ... Rs.	57,65,491	15,97,926	58,11,195	40,83,058	15,91,485	23,63,605	2,83,550	.....	.....	.....
Works as now sanctioned.										
Main canals irrigation ... Miles.	73	34	78	72	39	29	32	171	350	422
Branch canals ... ... „	171	82	114	56	125	173	6	104	311	518
Distributaries ... ... „	69	5	52	15	146	87	.....	.....	7	.....
Of above—										
Navigable canals ... Miles.	4	.....	58	.....	103	.....	4	.....	276	164
Works completed at end of 1921-22.										
Main canals irrigation ... Miles.	73	34	78	72	39	29	32	171	350	422
Branch canals „ ... „	171	82	114	56	125	173	6	104	311	518
Distributaries ... ... „	69	5	52	15	146	87	.....	.....	7	.....
Of above—										
Navigable canals ... Miles.	4	.....	58	.....	103	.....	4	.....	276	164

STATEMENT

Statement of Canals in the Indus

-55, Construction of Irrigation, Navigation, Embankment and Drainage Works—

(1) Productive

	Jámrão Canal District.	Eastern Nára District.						
	Jámrão Canal.	Nára Supply Channel.	Eastern Nára.	Mithrão Canal.	Thár Canal.	Khipro Canal.	Hirai Canal.	Total.
1	2	3	4	5	6	7	8	9
Source of supply of water	Eastern Nára.	Indus.	Nára Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.	Eastern Nára.	...
Minimum discharge of River .. C. ft. per second.	.....	(a) 35,894	...	...	...	...	...	...
Maximum discharge of Canal .. „ „	2,241	...	...	2,800	1,400	200	250	...
Average annual rainfall ... ... Inches.	7·76	...	10·29	8·96	13·22	10·42	10·85	...
Gross area commanded ... ... Acres.	870,850	451,400	769,991	437,551	158,044	35,743	65,480	1,492,209
Culturable area commanded ... ... „	824,064	25,000	497,812	413,008	136,000	33,845	47,243	1,152,908
Area irrigable annually by complete project . „	300,000	12,200	90,900	143,500	50,000	8,000	15,700	320,300
Area irrigable at present ... ... „	274,888	12,000	58,400	137,000	50,000	8,000	20,000	283,400
Sanctioned Estimate.								
Direct charges ... ... Rs.	91,27,382	...	...	...	...	...	...	78,40,529
Indirect charges ... ... „								
Interest during construction ... ... „	70,30,972	...	...	...	...	...	...	1,11,36,459
Total Estimate ... Rs.	1,61,58,354	...	...	...	...	...	...	1,89,76,988
Expenditure to end of 1921-1922.								
Direct charges ... ... Rs.	88,27,968	...	...	...	...	...	...	72,89,757
Indirect charges ... ... „	2,58,848	...	...	...	...	...	...	2,52,627
Interest during construction ... ... „	70,30,972	...	...	...	...	...	...	1,11,36,459
Total Expenditure .. Rs.	1,61,27,788	...	...	...	...	...	...	1,86,28,843
Works as now sanctioned.								
Main Canals Irrigation ... ... Miles.	118	12	(d) 320	97	24	38	19	510
Branch Canals ... ... „	58	...	...	49	48	5	22	124
Distributaries ... ... „	500½	...	...	68	18	...	13	99
Of the above—								
Navigable Canals .. .. Miles.	.....	12	320	92	...	...	...	424
Works completed to end of 1921-1922.								
Main Canals Irrigation .. .. Miles.	118	12	(d) 320	96	24	10	19	496
Branch Canals ... ... „	58	...	...	49	48	...	22	119
Distributaries ... ... „	500½	...	..	68	18	...	13	99
Of the above—								
Navigable Canals ... ... Miles.	.....	12	320	92	...	...	...	424

* Includes figures for Ren Distributary ex-Did.
(a) Minimum discharge of Indus at Sukkur.
(b) Minimum discharge of Indus at Kotri.
(c) Includes 88 miles of Ren Distributary ex-Did.
(d) Practically a river.

I-A—*concluded.*

Left Bank Division for the year 1921-1922.

Capital expenditure not charged to Revenue—A Irrigation Works.										15. Other Revenue expenditure financed from ordinary Revenue A-Irrigation works (i) Works for which only Revenue accounts are kept.		
							(2) Unproductive					
Hyderabad Canals District.				Fuleli Canals District.			Nasrat Canals District.			Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.
Alibahar Kacheri.	Great Marak.	Sarfraz.	Total.	Fuleli Canal.	Hasanali Canal.	Total.	Old Canal.*	Nasrat Canal.	Total.	Total.	Total.	Total.
10	11	12	13	14	15	16	17	18	19	20	21	22
Indus.	Indus.	Indus.	...	Indus.	Indus.	...	Indus.	Indus.	...	...	...	...
(a) 35,894	(a) 35,894	(a) 35,894	...	(b) 33,839	(b) 33,839	...	(a) 35,894	(a) 35,894	...	(a)35,894	(a) 35,894	(b)33,839
483	1,932	1,280	...	10,000	1,000	...	3,900	3,910	...	...	...	...
9·35	8·72	10·70	...	10·70	10·19	...	3·73	6·96	...	...	...	12·4
68,879	177,822	107,235	353,936	1,703,000	144,000	1,847,000	682,297	383,700	1,065,997	700,000	495,568	147,800
52,055	145,838	68,720	266,558	956,199	102,131	1,058,330	367,597	323,163	690,760	297,905	469,248	91,828
18,300	73,929	40,800	133,029	400,000	21,000	421,000	156,685	104,100	260,785	111,800	215,800	35,000
18,300	73,929	40,800	133,029	400,000	19,000	419,000	121,285	82,000	203,285	71,600	215,800	30,000
										...		
1,07,169	4,34,267	1,24,680	6,66,116	27,98,875	3,04,805	31,03,680	26,85,674	18,62,128	45,47,802	...	...	...
48,269	3,98,988	2,21,980	6,69,237	30,30,757	1,81,857	32,12,614	18,35,413	12,24,324	30,59,737	...	...	...
1,55,438	8,33,255	3,46,660	13,35,353	58,29,632	4,86,662	63,16,294	45,21,087	30,86,452	76,07,539	...	...	...
1,03,430	4,18,756	1,18,559	6,40,745	22,93,825	2,89,929	25,88,754	25,65,563	18,04,044	43,69,607	...	...	...
3,789	15,511	6,121	25,371	85,576	14,876	1,00,452	93,736	58,084	1,51,820	...	...	...
48,269	3,98,988	2,21,980	6,69,237	30,30,757	1,81,857	32,12,614	18,35,413	12,24,324	30,59,737	...	...	...
1,55,438	8,33,255	3,46,660	13,35,353	54,15,158	4,86,662	59,01,820	44,94,712	30,86,452	75,81,164	...	...	...
26	26	79	131	100	34	134	96	97	193	115	138	65
32	146	34	212	875	46	921	197	137	334	142	440	69
...	...	...	...	28	14	42	(c) 158	118	276	15	...	4
22	22	30	74	328	39	367	...	...	...	...	105	10
26	24	79	129	100	34	134	87	79	166	109	138	65
32	146	34	212	875	46	921	197	137	334	141	440	69
...	...	...	...	28	14	42	(c) 130	69	199	15	...	4
22	22	30	74	328	39	367	...	...	...	...	105	10

Note.—The variations from last years figures in the culturable area commanded, *etc.*, are due to revised figures reported by the Revenue authorities.

STATEMENT

Capital Account of Irrigation Works

Name of Work.	During Year.									
	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Accounts.	Total.
1	2	3	4	5	6	7	8	9	10	11
PRODUCTIVE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Desert Canal	...	...	...	...	...	...	...	...	...	...
2. Unharwah	...	...	...	...	...	...	...	...	...	...
3. Begári Canal	—5,666	—984	—134	—6,784	...	—6,784	...	—138	—57	—195
4. Eastern Nára Canal	93,673	34,908	1,016	1,34,597	...	1,34,597	474	4,887	967	6,348
5. Jamrao Canal	35,249	12,471	363	48,083	...	48,083	1,843	1,746	352	3,941
6. Sukkur do.	...	...	...	...	...	...	...	...	...	...
7. Ghar do.	17,798	3,091	421	21,310	...	21,310	1,418	433	178	2,029
8. Allahar Kacheri	21,164	7,468	218	28,870	...	28,870	...	1,048	212	1,260
9. Márak Great Canal	...	...	...	...	...	...	...	...	...	...
10. Sarfrazwah	...	...	...	...	...	...	...	...	...	...
11. Fuleli Canal	1,29,070	45,862	1,328	1,76,060	...	1,76,060	...	6,393	1,291	7,684
12. Hasanali do.	...	...	...	...	...	...	...	...	...	...
13 Sukkur Barrage Canal	1,33,826	1,49,904	33,755 48(a)	3,67,568	65	3,67,498	...	20,987	1,332	22,322
14. Scharwah do.	—265	—46	—3	—317	...	—317	...	—6	—3	—9
Total ...	4,29,849	2,52,494	86,991 48(a)	7,69,382	65	7,69,317	3,735	35,850	4,296	43,933
UNPRODUCTIVE.										
15. Mahiwah Canal	...	...	...	...	...	...	...	...	...	...
16. Dád do	2,818	997	29	3,844	...	3,844	...	140	23	163
17. Nasrat do.	—572	—205	—6	—790	...	—790	...	—29	—6	—35
18. Suttah do.	...	...	...	...	...	...	...	...	...	...
19. Nauldkit do.	...	...	...	...	...	...	...	...	...	...
Total ...	2,239	792	23	3,054	...	3,054	...	111	22	133
GRAND TOTAL ...	4,32,088	2,53,286	87,014 48(a)	7,72,436	65	7,72,371	3,735	35,461	4,320	43,516

(a) Suspense Account.

I-B.

in Sind for and to end of 1921-1922.

Grand Total.	To end of Year.										Grand Total.
	Direct Charges.						Indirect Charges.				
	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Accounts.	Total.	
12	13	14	15	16	17	18	19	20	21	22	23
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	21,44,134	4,55,773	25,431	26,55,338	37	26,55,301	2,284	77,731	...	80,015	27,35,316
...	6,31,222	1,34,479	2,349	7,68,050	...	7,68,050	1,953	18,827	...	20,780	7,88,830
—6,979	20,25,422	3,57,443	5,247	23,88,112	19	23,88,093	17,931	61,081	—57	78,955	24,67,048
1,40,945	57,06,386	14,58,074	75,473	72,39,933	176	72,39,757	3,553	2,43,082	987	2,52,627	74,92,384
52,024	71,10,503	15,31,065	1,82,776 (a)4,606	88,28,949	981	88,27,968	54,147	2,14,349	352	2,68,848	90,96,816
...	11,49,150	2,13,361	13,701	13,76,212	160	13,76,052	20,466	41,295	...	61,761	14,37,813
23,339	4,94,349	1,06,132	3,711	6,04,192	...	6,04,192	13,954	19,391	178	33,523	6,37,715
30,130	79,126	23,668	636	1,03,430	...	1,03,430	...	3,527	212	3,739	1,07,169
...	3,29,779	85,672	3,385	4,18,836	80	4,18,756	1,554	13,957	...	15,511	4,34,267
...	1,08,432	15,007	30	1,18,559	...	1,18,559	3,102	3,019	...	6,121	1,24,680
1,33,744	18,56,106	4,31,452	11,772	22,99,329	504	22,98,825	14,412	69,873	1,291	85,576	23,84,401
...	2,35,342	49,286	5,301	2,89,929	...	2,89,929	7,976	6,900	...	14,876	3,04,805
3,59,823	1,35,608	1,52,925	91,581 (a)48	3,80,162	65	3,80,097	...	21,410	1,338	22,748	4,02,845
—326	24,660	3,984	387	29,031	...	29,031	...	558	—3	555	29,586
8,12,700	2,20,25,218	50,48,411	4,21,779 (a)4,654	2,75,00,062	2,022	2,74,98,040	1,41,337	8,00,000	4,298	9,45,635	2,84,43,675
...	11,27,521	2,43,877	9,500	13,80,898	6	13,80,892	24,649	34,143	...	58,792	14,39,684
4,012	21,73,075	3,73,245	19,277	25,65,597	34	25,65,563	41,453	52,255	28	93,736	26,59,299
—825	15,44,908	2,52,449	6,846	18,04,202	158	18,04,044	22,749	35,341	—6	58,084	18,62,128
...	1,40,133	31,819	2,076	1,74,028	...	1,74,028	1,597	4,454	...	6,051	1,80,079
...	4,876	236	...	5,112	...	5,112	...	33	...	33	5,145
3,187	49,90,513	9,01,625	37,699	59,29,837	198	59,29,639	90,448	1,26,226	22	2,16,696	61,46,335
8,15,887	2,70,15,731	59,50,036	4,59,478 (a)4,654	3,34,29,899	2,220	3,34,27,679	2,31,785	9,26,226	4,320	11,62,331	3,45,90,010

(a) Suspense Account.

P. M. JOSEPH,
Assistant Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation

Realisations under main heads of

Works.	Revenue (Actual Receipts).															
	Irrigation.												Revenue Management.			
	Direct.	Indirect.											Establishment.			
	Water rates directly paid.	Share of Land Revenue.	4 per cent. on 9/10 ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.	Total Indirect.	Total.	Plantation.	Miscellaneous.	Total.	Less—Refunds of revenue.	Gross revenue less refunds.	Deduct—Share due to old irrigation.	Total revenue due to improvement.	Direction.	Executive.	Civil Officers.	Total Revenue Management.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
PRODUCTIVE WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1 Desert Canal ...	83,601	4,92,468	2,250	4,97,728	5,16,559	70	3,239	5,19,868	...	5,19,868	...	5,19,868	...	23,598	27,419	55,627
2 Unharwah ...	174	2,04,823	3,092	2,07,920	2,08,094	37	1,261	2,09,392	...	2,09,392	...	2,09,392	...	10,490	12,541	23,761
3 Bogari Canal ...	23,051	6,66,022	9,813	6,75,835	7,01,886	30	5,443	7,07,359	52	7,07,257	33,613	6,73,644	...	51,019	45,343	96,362
4 Eastern Nara Works...	3,776	4,03,654	4,072	4,06,526	4,10,304	1,277	12,277	4,23,739	929	4,24,666	3,444	4,21,423	...	88,012	24,553	1,12,565
5 Jamrao Canal ...	2,704	6,54,567	77,488	7,32,055	7,34,904	758	31,212	7,66,009	37	7,65,972	...	7,65,972	...	1,87,372	19,077	1,56,541
6 Sukkur Canal ...	1,147	2,60,024	889	2,60,913	2,62,060	69	3,552	2,65,681	...	2,65,681	84,206	1,80,975	...	21,853	19,172	40,925
7 Ghar Canal ...	5,670	9,49,992	7,623	9,57,615	9,63,285	369	11,004	9,67,623	...	9,67,623	1,35,515	8,32,111	...	25,716	52,603	88,319
8 Allahbar Kasheri Canal	22	24,918	840	25,758	25,780	2	255	26,037	...	26,037	17,503	8,534	...	1,390	1,168	3,558
9 Marak Great Canal ...	1,688	1,86,502	3,418	1,89,920	1,91,608	...	1,946	1,93,554	150	1,93,404	59,437	1,33,967	...	13,647	12,660	27,307
10 Sarfarazwah ...	474	51,154	1,998	53,152	53,626	65	697	53,976	1	53,975	18,806	34,169	...	2,266	3,868	13,141
11 Fulchi Canal ...	89,307	9,05,617	21,138	9,26,755	9,66,062	199	17,499	9,83,661	347	9,83,334	2,44,541	7,38,793	...	83,764	66,474	1,50,238
12 Hazanali Canal ...	...	42,324	749	43,073	43,073	...	935	43,008	...	43,008	5,216	37,792	...	6,754	2,036	8,790
13 Sehanwah (b) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14 Sukkur Barrage (b) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	1,29,941	47,68,867	1,33,993	49,02,860	50,71,431	2,754	89,621	51,63,706	1,509	51,62,197	6,03,281	45,58,609	...	4,71,085	3,00,933	7,71,595
UNPRODUCTIVE WORKS—																
15 Mahiwah Canal ...	497	1,41,297	3,856	1,45,153	1,45,650	21	2,205	1,52,877	...	1,52,877	1,10,497	42,380	...	...	10,507	10,507
16 Dad Canal ...	1,766	2,25,259	9,006	2,35,265	2,37,031	...	656	2,38,417	...	2,38,417	(a)83,502	2,54,909	...	...	22,729	22,729
17 Nasrat Canal ...	122	2,33,655	14,512	2,48,177	2,48,300	55	224	2,48,579	...	2,48,579	72,554	1,70,725	...	...	14,976	14,976
18 Suttah Canal ...	...	37,910	952	38,862	38,862	...	84	38,946	...	38,946	16,145	22,801	...	...	2,432	2,432
Total ...	2,386	7,34,561	28,326	7,67,457	7,69,843	76	3,170	7,78,819	...	7,78,819	2,83,404	4,90,815	...	...	50,644	50,644
Grand Total ...	1,31,427	55,03,428	1,62,319	56,69,317	58,37,004	2,830	97,691	59,37,025	1,509	59,36,016	8,86,685	50,49,424	...	4,71,085	3,50,576	8,21,239
Works for which only Revenue accounts are kept.	23,283	24,09,556	51,320	24,61,476	24,85,261	2,230	31,037	25,18,548	98	25,18,550	...	25,18,550	...	...	1,46,351	1,46,351

(a) The amount of Rs. 5 on account of refunds of revenue is deducted from Gross Revenue Rs. 83,913 and not revenue shown here.
(b) Works under construction.

I.-C

Works in Sind for the Year ended 31st March 1922.

evenue and Working Expenses.

Working Expenses.														Net Revenue.	
Maintenance and Repairs.										*Deduct*—Old maintenance charges.					
Establishment.															
Direction.	Executive.	Total.	Works.	Repairs.	Sundries.	Plantations.	Tools and Plant.	Total cost of Maintenance.	Indirect charges.	Grand Total Working Expenses.	Direct.	Indirect.	Total.	Total Working Expenses on improvements.	Total.	Due to improvements.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	...	23,329	16	1,32,506	...	1,063	5,163	1,60,982	3,058	2,18,687	...	...	...	2,18,687	3,01,171	3,01,171
...	...	10,421	...	89,599	...	433	1,421	71,833	3,518	98,112	...	...	...	98,112	4,11,270	1,13,270
...	...	51,019	55,590	2,07,445	— 43	660	5,000	3,51,691	10,923	4,67,575	8,737	2	8,739	4,59,116	2,89,382	2,14,538
...	...	66,011	68,240	1,88,391	— 1,337	4,211	4,999	3,51,755	27,931	4,01,613	344	...	344	4,01,269	— 68,747	— 69,847
...	...	53,069	13,823	2,09,713	— 338	3,148	4,368	3,90,522	35,601	5,89,374	...	...	...	5,89,372	1,84,500	1,84,500
...	...	21,603	24,217	99,674	...	2,417	2,945	1,48,845	7,272	1,96,863	13,256	106	13,362	1,83,501	63,798	— 2,648
...	...	23,716	13,021	1,21,535	— 212	2,920	3,915	1,77,956	8,777	2,74,362	13,060	181	13,241	2,55,521	5,93,251	5,76,693
...	...	1,399	...	3,053	...	256	41	5,360	369	9,815	9,076	282	9,366	49	17,022	5,783
...	...	13,650	1,038	33,443	...	4,101	207	53,628	4,068	84,014	29,978	497	23,403	60,609	1,09,390	72,388
...	...	9,225	231	24,599	...	495	270	35,804	2,617	51,709	7,661	170	7,831	43,938	1,916	— 9,020
...	...	33,755	37,654	1,08,503	7,330	612	2,505	3,30,359	25,073	5,05,690	1,14,253	2,095	1,16,361	3,89,319	4,77,654	3,46,466
...	...	6,753	728	18,353	...	...	197	26,041	2,033	37,459	3,359	78	3,468	34,031	6,419	3,561
...	...	...	...	...	...	...	...	.....	...	.....	...	...	...	.....	...	.....
...	...	...	...	...	...	...	...	.....	...	.....	...	...	...	.....	...	.....
...	...	4,29,931	2,23,703	13,87,134	4,051	25,885	30,452	21,03,004	1,44,704	30,18,161	1,98,389	3,998	2,01,617	28,16,544	21,44,036	17,42,065
...	...	16,651	10,804	22,493	...	2,650	2,371	1,14,726	3,168	1,89,831	21,007	273	21,280	1,07,551	24,045	— 65,171
...	...	44,543	17,179	96,913	— 2%	12,064	1,509	1,72,993	7,367	3,02,568	44,074	1,133	45,209	1,57,584	1,35,924	96,825
...	...	41,195	5,628	1,08,348	— 2%	7,253	1,402	1,68,824	6,822	1,80,294	19,553	453	19,806	1,60,488	63,345	10,999
...	...	4,578	...	25,229	...	...	633	33,245	554	38,539	8,993	325	9,218	29,321	3,407	— 3,529
...	...	1,07,367	33,511	3,09,669	— 4%	22,509	5,915	4,73,768	18,129	5,47,497	93,426	2,039	95,515	4,51,982	2,26,323	38,423
...	...	5,37,297	2,57,203	16,96,903	4,543	48,394	36,373	25,80,869	1,62,843	35,65,658	2,91,815	6,317	2,97,132	32,68,526	23,70,358	17,80,488
...	...	2,31,997	1,35,517	10,05,979	1,51,037	...	22,009	15,53,299	43,979	17,49,309	...	...	...	17,49,309	7,75,181	7,75,181

P. M. JOSEPH,
Assistant Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation

No.	Name of work.	General Financial Results to end of 02						
		Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	Total Capital Outlay (direct and indirect).	Accumulated arrears of interest.
		Main canals and branches.	Distributaries.					
1	2	3	4	5	6	6a	7	8
	Productive.	Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.
1	Desert Canal	244·00	69·00	27,35,316	1891-92	1872-73	27,35,316	.....
2	Unharwáh	116·00	5·00	7,88,880	1890-91	1885-86	7,88,880	.....
3	Begári Canal	192·00	52·00	24,07,048	1890-91	1855-56	24,07,048	.....
4	Eastern Nára Canal	631·50	...	78,49,509	1897-98	1854-55	74,92,884	.....
5	Jámrao Canal	196·00	503·50	91,22,382	1901-02	1900-01	90,96,816	.....
6	Sukkur do.	123·10	14·72	14,37,813	1886-86	1870-71	14,37,813	.....
7	Ghár do.	162·86	145·96	6,37,715	1878-79	1856-57	6,37,715	.....
8	Alibahar Kacheri	58·50	...	1,07,169	1875-76	1873-74	1,07,169	.....
9	Marak Great Canal	169·90	...	4,34,257	1881-82	1873-74	4,34,257	.....
10	Sorfrazwah	112·60	...	1,24,680	1875-76	1873-74	1,24,680	.....
11	Fuleli Canal	1,003·00	...	27,98,875	1892-93	1861-62	23,34,401	.....
12	Hasanali do.	94·00	...	3,04,805	1906-07	1903-04	3,04,805	.....
13	Sukkur Barrage	...	...	11,04,499	Not started.		4,02,245	12,255
14	Saharwah Canal	...	...	8,79,525	Not completed.		23,586	3,525
	Total, Productive ...	3,109·45	799·18	3,07,63,483	...	...	2,84,43,675	15,780
	Unproductive.							
15	Mahiwáh	293·00	...	15,17,356	(a)	1901-02	14,39,584	10,54,846
16	Dád Canal	284·08	91·46	26,85,674	1906-07	1901-02	26,59,399	8,40,615
17	Nasrat do.	216·18	69·12	18,62,128	1906-07	1901-02	18,62,128	4,02,004
18	Sittah do.	38·00	...	1,80,079	1909-10	1904-05	1,80,079	50,070
19	Naulákhi do.	...	...	12,62,554	Not completed.		5,145	3,303
	Total, Unproductive ...	831·26	160·58	75,07,791	...	...	61,46,335	23,59,843
	Grand Total ...	3,940·71	959·76	3,82,91,224	...	...	3,45,90,010	23,75,623

N. B.—Only works for which Capital and Revenue accounts

(a) Completion Report passed by the Finance Department

II-C.

Works in Sind for, and up to the end of, 1921-22.

1921-22.		FINANCIAL RESULTS OF THE YEAR 1921-22.									
Accumulated surplus revenue.	Total sum-at-charge (column 7 + column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital outlay, column 7.	Percentage on sum-at-charge, column 10.	Interest at 3·3252 per cent. on direct Capital outlay to end of 1916-17 & at 6·1038 per cent on subsequent outlay.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
9	10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
31,62,509	27,35,316	5,19,858	2,16,687	3,01,171	11·05	11·05	88,695	2,12,476	...	2,21,746	42·07
24,67,174	7,58,330	2,09,382	96,112	1,11,270	14·11	14·11	25,589	85,781	...	84,406	40·56
36,39,607	24,67,048	6,73,644	4,59,716	2,14,528	8·70	8·70	80,053	1,34,475	...	2,55,211	68·15
33,74,207	74,92,384	4,21,422	4,91,269	-69,847	...	...	2,49,408	...	3,19,255	176,291	116·57
5,12,548	90,96,816	7,66,672	5,82,372	1,84,300	2·03	2·03	2,98,850	...	1,14,550	1,83,310	75·94
4,06,017	14,37,813	1,80,875	1,83,521	-2,646	...	...	46,071	...	48,717	74,687	101·46
2,32,21,883	6,37,716	8,28,111	2,55,521	5,76,590	90·41	90·41	20,989	5,55,601	...	2,48,877	30·71
2,27,022	1,07,169	3,883	49	3,783	8·20	8·20	4,787	3,996	...	11,386	0·55
21,59,999	4,24,267	1,33,967	60,609	73,358	16·89	16·89	19,796	53,562	...	71,632	45·24
4,14,496	1,24,680	34,869	43,938	-9,069	...	...	3,942	...	13,011	25,594	126·01
1,02,47,020	22,54,401	7,38,786	3,89,319	3,49,466	14·66	14·66	81,463	2,67,998	...	3,80,780	52·70
1,32,456	9,04,805	87,992	34,031	2,961	1·29	1·29	9,641	...	5,680	16,111	69·57
...	4,15,100	...	...	...	..	...	11,993	...	11,993	...	...
...	33,111	...	...	...	...	...	1,781	...	1,781	...	...
5,50,31,748	2,34,39,455	45,58,609	28,16,544	17,42,065	6·12	6·12	9,43,013	7,99,052	...	17,58,537	61·78
...	24,94,530	42,380	1,07,551	-65,171	...	...	45,913	...	1,11,084	56,469	253·78
...	35,08,914	2,54,509	1,57,684	96,825	3·64	2·76	84,835	11,940	...	1,08,677	61·96
...	22,64,132	1,70,725	1,60,426	10,299	0·55	0·45	59,505	...	49,506	79,617	93·97
...	2,30,149	22,501	26,321	-3,520	...	...	5,787	...	9,307	13,330	115·44
..	9,453	...	...	...	...	...	170	...	170	...	...
...	86,06,178	4,90,415	4,51,982	38,433	1·63	0·45	1,95,560	...	1,58,127	2,58,593	52·16
5,50,31,748	3,69,65,633	50,49,024	32,68,526	17,80,498	5·15	4·82	11,38,573	6,40,925	...	20,17,130	64·74

are kept should be included in this return.
vide Government Memorandum No. S. 47 I. (P.W.D.) dated 30th August 1922.

P. M. JOSEPH,
Assistant Accountant General.

STATEMENT III-C.

Demands and Realisations during the year 1921-1922 in Sind.

	Irrigation Works.	Balance of demands unrealized at commencement of year. (a)	Demands of year.	Total.	Deduct—Remissions includi Cash Refunds.	Net Total.	Deduct—Amount unrealized at close of year.	Actual Total Receipts of year.	Deduct—Share due to old Irrigation.	Total Revenue due to Improvements.
	1	2	3	4	5	6	7	8	9	10
	PRODUCTIVE.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Desert Canal ...	15,801	5,23,333	5,39,134	1,133	5,38,951	18,193	5,19,858	...	5,19,858
2	Ubharwáh ...	174	2,09,461	2,09,635	...	2,09,635	253	2,09,382	...	2,09,382
3	Begári Canal ...	35,541	7,08,445	7,44,286	2,535	7,41,751	34,494	7,07,257	33,613	6,73,644
4	Eastern Nára Works ...	79,361	3,79,390	4,58,751	936	4,57,815	32,949	4,24,866	3,444	4,21,422
5	Jámráo Canal	2,15,135	5,92,741	8,07,876	44	8,07,832	40,960	7,66,872	...	7,66,872
6	Sukkur Canal	4,825	2,65,074	2,69,899	...	2,69,899	4,218	2,65,681	84,806	1,80,875
7	Ghár do.	—727	9,65,803	9,65,076	...	9,65,076	—2,547	9,67,623	1,35,512	8,32,111
8	Alibahar Kacheri Canal...	1,859	25,758	27,617	...	27,617	1,280	26,337	17,505	8,832
9	Marak Great do. ...	24,705	1,76,799	2,01,504	182	2,01,322	7,918	1,93,404	59,467	1,33,937
10	Sarfarazwah	10,478	53,850	64,328	1	64,327	10,652	53,675	18,805	34,869
11	Fuleli Canal ...	36,582	9,70,749	10,07,331	487	10,06,844	23,510	9,83,334	2,44,549	7,38,785
12	Hasanali do. ...	786	44,377	45,163	...	45,163	1,255	43,903	5,916	37,992
13	Sukkur Barrage (b)...	...	...	...	...	...	...	...	...	...
14	Scharwah (b) ...	...	...	...	...	...	...	...	...	...
	Total, ...	4,24,820	49,16,830	53,40,650	5,318	53,35,332	1,73,135	51,62,197	6,03,588	45,58,609
	UNPRODUCTIVE.									
15	Mahiwáh ...	361	1,52,000	1,52,361	15	1,52,346	469	1,51,877	1,10,497	42,380
16	Dád Canal	28,229	3,18,275	3,46,504	112	3,46,392	7,975	3,38,417	33,908	2,04,509
17	Nasrat do.	23,517	2,31,815	2,55,332	...	2,55,332	11,763	2,43,579	72,854	1,70,725
18	Suttah do.	4	33,983	33,987	...	33,987	41	33,946	16,145	22,801
19	Naulakhi do. (b) ...	...	...	...	...	...	...	...	...	...
	Total, ...	52,101	7,42,073	7,94,174	127	7,94,047	20,228	7,73,819	2,83,404	4,90,415
	GRAND TOTAL ...	4,76,921	56,57,903	61,34,824	5,445	61,29,379	1,93,363	59,36,016	8,86,992	50,49,024

(a) Correct balances as now reported by the Revenue Officers in Canal Returns—Nos. VIII-A and IX.
(b) Works under construction.

F. P. MADON,
Assistant Accounts Officer.

STATEMENT IV C.

STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

Irrigation Works.	Capital Outlay (direct and indirect) to end of year.	Revenue assessed					
		Direct Revenue.				Indirect Revenue Revenue due to opera-canal.	
		Occupier's rate.	Plantations.	Miscellaneous.	Total.	Share of Land Revenue.	4 per cent. on 9/10ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.
1	2	3	4	5	6	7	8
PRODUCTIVE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1 Desert Canal	27,35,816	92,488	70	3,259	95,817	4,25,906	2,250
2 Unbarwáh	7,88,830	253	37	1,251	1,541	2,01,823	3,022
3 Begári Canal	24,97,042	26,195	30	5,443	31,668	6,66,864	9,813
4 Eastern Nára Canal ...	74,92,384	2,740	1,207	12,277	16,224	3,58,194	4,972
5 Jámrao Canal	90,36,816	1,848	793	31,212	33,853	4,81,955	77,433
6 Sukkur do.	14,37,813	1,431	69	3,552	5,052	2,59,153	889
7 Ghár do.	6,37,715	4,656	362	11,004	16,022	9,42,158	7,623
8 Alibahar Kacheri Canal ..	1,07,169	408	2	555	965	23,355	840
9 Marak Great do. ...	4,34,287	1,504	...	1,946	3,550	1,69,331	3,418
10 Sarfirazwah	1,24,680	1,346	35	696	2,097	50,457	1,296
11 Fuleli Canal	23,84,401	33,469	129	17,490	51,088	8,98,523	21,138
12 Hazanali do.	9,04,805	469	...	835	1,304	42,224	749
13 Sukkur Barrage (*b*) ...	4,02,845	...	...	...	...	.....	...
14 Scharwah (*b*) ...	29,586	...	...	...	...	... ..	...
Total ...	2,84,43,675	1,66,407	2,754	89,520	2,58,681	45,23,026	1,33,523
UNPRODUCTIVE.							
15 Mahiwáh ...	14,39,684	746	21	7,206	7,973	1,41,171	3,856
16 Dád Canal	26,59,299	2,078	...	656	2,734	3,06,536	9,000
17 Nasrat do.	18,62,128	115	55	224	394	2,16,209	14,512
18 Suttah do.	1,80,079	37	...	84	121	37,910	952
19 Naulákhi (*b*) ...	5,115	...	...	...	...	.....	..
Total ...	61,46,305	2,976	76	8,170	11,222	7,02,525	28,326
GRAND TOTAL ...	3,45,90,010	1,69,383	2,830	97,690	2,69,903	52,25,151	1,61,849

IV-C.

for the year ended 1921-1922, based on the Assessment of the year.

for the year ended 31st March 1922.

DURING THE YEAR.					WORKING EXPENSES.			NET REVENUE ON THE YEAR.		
—Land tion of Total.	Refunds of Revenue.	Grand Total.	*Deduct*— Share due to old Irrigation.	Total Revenue due to Improvements.	Total Charges, direct and indirect.	*Deduct*— Old Maintenance Charges.	Total— Working Expenses on Improvements.	Total.	Due to Improvements.	Percentage on Capital Outlay to end of year (Improvements only).
9	10	11	12	13	14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
4,27,586	...	5,23,383	...	5,23,383	2,18,687	...	2,18,687	3,04,696	3,04,696	11·14
2,07,920	...	2,09,461	...	2,09,461	98,112	...	98,112	1,11,349	1,11,349	14·12
6,76,777	52	7,08,393	33,613	6,74,780	4,67,575	8,759	4,59,116	2,40,518	2,15,664	3·74
3,53,166	922	3,73,466	6,444	3,75,024	4,91,513	344	4,91,269	—113,145	—1,16,245	(a)
5,59,388	37	5,92,704	...	5,92,704	5,52,372	...	5,52,372	10,332	10,332	0·11
2,53,022	...	2,65,074	84,806	1,80,268	1,96,883	13,962	1,83,521	68,191	—3,253	(a)
9,49,781	...	9,65,803	1,35,512	8,30,291	2,74,362	18,841	2,55,521	6,91,441	5,74,770	90·13
24,793	...	25,788	17,505	8,283	9,315	9,266	49	16,443	8,234	7·05
1,73,249	160	1,76,649	59,437	1,17,212	84,014	23,405	60,609	92,635	56,603	13·03
51,753	1	53,849	18,806	35,043	51,759	7,821	43,938	• 2,090	—8,895	(a)
9,19,661	347	9,70,402	2,44,549	7,25,853	5,05,980	1,16,361	3,89,319	4,64,722	3,36,534	14·11
42,073	...	44,377	5,916	38,461	37,480	2,458	34,031	6,888	4,430	1·45
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
46,67,149	1,509	49,14,321	6,03,588	43,10,733	30,18,161	3,01,617	28,16,544	18,96,160	14,94,189	5·25
1,45,027	...	1,53,000	1,10,497	42,503	1,28,881	21,280	1,07,551	24,169	—65,018	(a)
3,15,541	...	3,18,276	83,968	2,34,307	2,02,893	45,209	1,57,684	1,15,382	76,623	2·63
2,31,421	...	2,31,315	72,884	1,58,931	1,80,234	19,808	1,60,426	51,681	—1,495	(a)
38,362	...	38,283	16,145	22,138	35,539	9,218	26,321	3,444	—3,483	(a)
...	...	...	...	...	...	...	...	...	...	...
7,30,351	...	7,42,073	2,83,434	4,58,639	5,47,497	95,515	4,51,982	1,94,676	6,657	0·11
53,53,000	1,509	56,56,394	8,87,022	47,69,372	35,65,658	2,97,132	32,68,526	20,90,836	15,00,846	4·24

(a) No percentage is calculated, as the net revenue against the work is a minus figure.
(b) Works under construction.

F. P. MADON,
Assistant Accounts Officer.

	PRODUCTIVE.															
	Desert.	Unharwah.	Degári.	Eastern Nára.	Jámrão Canal.	Sukkur Canal.	Ghár Canal.	Allahbakhsh Kachchi Canal.	Mirak Great Canal.	Sarfrazwah.	Fuleli Canal.	Hasanali Canal.	Sukkur Barrage.	Schar-wah.	Total.	Mahiwah.
Capital Outlay.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
During year—																
Direct ...	...	...	−6,734	1,34,007	48,063	...	21,310	23,87[illegible]	...	...	1,76,000	...	2,07,496	−317	7,69,317	...
Indirect...	...	...	−195	6,349	3,01[illegible]	...	2,020	1,20[illegible]	...	...	7,081	...	22,325	−6	43,383	...
Total ...	...	...	−6,979	140,946	52,081	...	23,330	20,130	...	...	1,83,7[illegible]	...	2,29,821	−323	8,12,700	...
To end of year—																
Direct ...	26,55,301	7,03,05[illegible]	23,69,093	72,80,767	83,27,996	13,76,052	6,04,192	103,430	4,16,76[illegible]	1,18,859	22,96,825	2,89,929	3,90,027	29,031	2,74,03,010	13,8[illegible],[illegible]
Indirect...	89,015	29,750	78,915	2,82,057	2,68,846	61,701	33,523	3,720	15,511	6,121	85,578	14,976	22,748	555	9,45,53[illegible]	58,703
Total ...	27,55,316	7,32,830	24,67,043	74,92,824	90,96,842	14,37,813	6,37,715	107,150	4,34,267	1,24,980	23,84,401	3,04,905	4,02,815	29,586	2,83,48,573	14,39,03[illegible]
Gross Revenue.																
During year—																
Direct ...	92,120	1,402	30,402	16,340	34,972	4,703	17,041	570	3,481	1,225	84,579	642	...	...	2,59,614	9,382
Indirect...	4,27,728	2,07,930	6,43,152	4,05,982	7,33,00[illegible]	1,76,107	6,16,070	6,259	1,30,483	38,644	6,52,206	37,250	...	...	42,05,966	36,118
Total ...	5,19,858	2,09,332	6,73,554	4,21,322	7,66,972	1,80,875	6,32,111	6,812	133,967	34,869	7,36,785	37,892	...	...	45,65,580	42,280
To end of year—																
Direct ...	24,19,024	29,717	14,79,485	14,00,620	30,72,077	1,29,741	6,12,706	34,539	1,71,764	1,07,029	19,83,189	10,870	...	...	94,54,160	42,93[illegible]
Indirect...	62,13,063	48,36,437	1,72,93,729	2,23,63,247	1,41,50,214	61,26,313	2,32,28,911	3,23,971	55,11,035	13,15,458	2,13,68,172	6,92,475	...	...	13,30,54,5[illegible]	11,25,739
Total ...	1,06,32,087	48,67,154	1,87,73,215	2,40,63,870	1,72,22,291	62,56,053	2,38,41,617	3,61,510	56,82,799	13,22,487	2,33,51,362	7,03,345	...	...	14,27,08,7[illegible]	11,68,03[illegible]

*Adjustment on account of rents of buildings in the Exchange accounts.

Works in Sind for, and to end of, 1921-1922.

UNPRODUCTIVE.				Grand Total.	15-OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES								
					WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.								
Pat Canal.	Kasrani Canal.	Saltish Canal.	Nanisakhi Canal.	Total.	Shikarpur Canals District.	Western Nara District.	Kardchi Canals District.	Eastern Nara.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Sukkur Barrage.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3,41	—709	...	...	3,054	7,72,371	...	...	...	...	...	...	...	...
15	—35	...	...	133	43,516	...	...	...	...	...	...	...	...
4,01	—226	...	...	3,187	3,15,887	...	...	...	...	...	...	...	...
29,52,'43	18,04,044	1,74,038	6,112	50,22,639	3,24,27,679	...	...	...	...	...	...	...	...
91,733	53,054	6,031	33	2,76,59	11,62,231	...	...	...	...	...	...	...	...
2,46,2	13,62,128	1,60,079	5,145	61,46,235	3,45,50,010	...	...	...	...	...	...	...	...
—2	—329	20	...	3,571	2,05,795	10,320	19,207	13,423	37	1,690	11,563	550	...	57,074
4,97	1,71,664	22,778	...	4,81,344	47,53,823	4,07,438	9,40,233	4,94,181	...	1,55,072	2,07,310	75,540	...	26,61,476
2,54,3	1,70,725	22,801	...	4,80,416	53,49,025	4,77,758	9,59,442	5,08,604	37	1,57,738	3,08,873	76,396	...	25,18,850
4,07	15,038	1,656	...	99,703	95,53,833	...	...	...	...	...	...	...	...	...
63,2	9,44,072	2,35,238	...	23,14,113	14,05,68,689	...	...	...	...	...	...	...	...	...
30,49,127	25,26,219	2,36,694	...	74,13,816	15,01,22,509	...	...	...	...	...	...	...	...	...

Expenditure on and Receipts from Agricultural works for which neither Capital nor Revenue Accounts are kept.

	Expenditure.	Receipts.
	Rs.	Rs.
NASRAT CANALS DISTRICT.		
Extension of Nanlakhi Bhorki Bund—Works	1,701	...
Improving the Nanlakhi Dad bund in the Nasrat Canals District to bring it to the Standard form—Works ...	2,767	...
Repairs to Canals newly ac Dadatpur	1,130	...
Repairs to bunds ...	2,749	...
Raising and repairing bund round Dadatpur	...	...
Chowky repairs	917	...
Dad Canal—Works	4,509	...
Do. —Repairs	23,313	...
Nasrat Canal—Works	196	...
Do. —Repairs	10,700	...
Establishment	15,640	...
Tools and Plant	316	...
Share of Collection charges ...	13,115	...
Direct Receipts	...	...
Irrigation Share of consolidated revenue	...	3,849
4 per cent. on 3/4ths proceeds from sale of occupancy rights in lands	...	1,32,225
Refunds of revenue	...	226
	...	5
Total, Nasrat Canals District ...	76,045	1,56,705
HYDERABAD CANALS DISTRICT.		
Raising and strengthening Sen bund—Works	2,769	...
Sen bund—Repairs	2,110	...
Allahbar Kachri—Repairs ...	1,983	...
Marak Great—Repairs	13,587	...
Sarfarazah—Repairs	4,057	...
Establishment	7,326	...
Tools and plant	50	...
Share of Collection charges ...	9,075	...
Irrigation share of consolidated Revenue	...	95,748
Total, Hyderabad Canals District ...	40,363	95,748
FULELI CANALS DISTRICT.		
Improvement to Gidu (Works ... Bund (Repairs...	464 5,366	... ...
Increasing the height and Section of the Jamshoro front to conform with 12ft. G. rules—Works	7,042	...
Repairs to river bunds ...	33,290	...
Constructing proposed loop to Ghaibsan Sand between old Fuleli and Ghaibsan Canal repairs.	14,481	...
Constructing stone pitching from mile 12/4 to 14/6 of the Hajipur Bund—Repairs	7,503	...
Strengthening pavement and pitching of Forest sluice on Fauli Kasi 6x mile 9/4 of Ghaibsan Bund—Repairs ...	225	...
Special repairs to Jamshoro front Bund—Repairs ...	4,475	...
Fuleli—Repairs	75,343	...
Hazanali—Works	917	...
Do. —Repairs	7,283	...
Establishment	41,023	...
Tools and plant	125	...
Share of Collection charges ...	24,673	...
Direct Receipts	...	312
Irrigation Share of Consolidated revenue	...	2,80,2[illegible]
4 per cent on 3/4ths proceeds from sale of occupancy rights in lands	...	23
Total, Fuleli Canal District ...	2,17,765	2,80,584
EASTERN NARA DISTRICT.		
Share of Collection charges ...	344	...
Irrigation Share of consolidated revenue	...	3,444
Total, Eastern Nara District ...	344	3,444
JAMRAO CANAL DISTRICT.		
Making Surveys of the Nara from head to Jamrao weir ...	1,757	...
Repairs	631	...
Establishment	18	...
Tools and plant	...	...
Total, Jamrao Canals District ...	2,396	...
BEGA'RI CANALS DISTRICT.		
Kashmore bund Constructing oil room at Tori—Works ...	2,281	...
Close contour Survey for the Sultanwah project—Works ...	4,017	...
Constructing Dandeetia Sluices along Gossipur loop (mile 2/0 4/1, 4/5, and 11/4) Works ...	1,501	...
Carried over ...	7,799	...
	3,42,416	5,06,528

	PRODUCTIVE.															
	Desert.	Unharwáh	Begári.	Eastern Nára.	Jámrúo Canal.	Sukkur Canal.	Ghár Canal.	Allahbar Kacheri Canal.	Marak Great Canal.	Sar-frarwáh.	Fuleli Canal.	Hasan-ali Canal.	Sukkur arrage.	Sehar-wah.	Total.	Mahi-wáh.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Working Expenses.																
During year—																
Direct ..	2,10,609	91,594	4,39,298	4,44,018	5,46,771	1,74,350	2,40,605	—132	56,068	41,291	3,66,342	33,091	...	...	26,75,068	1,04,636
Indirect...	8,078	3,518	19,830	27,251	35,601	7,100	8,616	131	3,641	2,647	23,977	1,980	...	...	1,41,476	2,215
Total ..	2,18,687	98,112	4,59,116	4,91,269	5,82,372	1,83,521	2,55,521	49	60,006	43,938	3,89,319	34,031	...	...	28,16,544	1,07,551
To end of year—																
Direct ..	43,28,386	15,60,376	66,25,911	92,26,144	72,61,166	31,17,750	90,83,183	82,725	10,88,186	6,63,377	96,86,045	3,76,442	...	...	5,31,60,041	12,76,670
Indirect...	1,04,519	31,006	1,65,660	3,29,766	4,17,206	87,041	2,23,275	3,794	36,301	23,564	3,07,540	12,586	...	...	17,45,249	23,151
Total ...	14,32,905	15,90,684	67,94,461	95,55,910	76,78,371	33,04,791	93,06,458	86,519	11,24,437	6,86,941	99,93,585	3,89,028	...	...	5,48,45,290	12,99,621
Net Revenue.																
During year.	3,61,171	1,11,270	2,14,528	—69,847	1,84,500	—2,546	5,76,500	3,763	73,358	— 9,069	3,49,460	3,961	...	...	17,42,063	—65,171
To end of year.	61,99,684	32,76,270	1,19,89,764	1,45,10,966	75,43,520	30,51,262	2,42,85,153	2,75,291	25,58,987	6,58,476	1,32,77,777	8,14,823	...	...	878,63,463	—1,30,925

*Includes Suspense Rs. 1,51,462.

Works in Sind for, and to end of, 1921-1922—continued.

UNPRODUCTIVE					Grand Total.	15 OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.									Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
						WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.										Expenditure.	Receipts.
Dri Canal.	Nasrat Canal.	Sukkur Canal.	Nasirkhi Canal.	Total.		Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Eastern Nara.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Sukkur Barrage.	Total.		Rs.	Rs.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Brought over ...	2,42,416	6,05,598
																7,700	...
															BUGARI CANALS DISTRICT—contd.		
															Trenching and strengthening Goonpur Loop (Special Repairs).	33,226	...
															Kashmore Bund—Repairs ...	1,35,923	...
															Constructing new loop behind Ingar Loop—Repairs	2,638	...
															Begari—Repairs	5,326	...
															Establishment	29,339	...
															Tools and Plant	4,003	...
															Share of collection charges	3,715	...
															Direct Receipts	...	5,127
1,453	1,54,057	25,624	...	4,85,933	31,11,000	2,70,892	5,57,745	3,91,556	2	1,11,777	13,39,842	25,101 a—7,138		18,09,560	Irrigation share of consolidated Revenue.	...	40,999
															Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands up to end of 1929-1931 and 6-10ths per cent on 9/10ths proceed from sale of occupancy rights for the year 1921-1922 ...	...	400
1,57,681	1,60,422	26,231	...	4,51,993	32,69,626	2,77,781	5,72,130	4,01,742	2	1,15,171	3,47,201	36,498 —7,137		17,43,589	Total, Begari Canals District ...	3,11,525	44,036
															SHIKARPUR CANALS DISTRICT.		
															Constructing store and Chowkidar's room at Sukkur—Works	2,229	...
															Additions and alterations to the sub-divisional office at Sukkur—Works.	302	...
															Constructing a latrine at Sukkur—Works.	63	...
															Constructing a Compound gate at Sukkur—Works.	262	...
															Recording floods passing through Railway bridges between Rohri and Ruk—Repairs.	308	...
															Maintenance of Steamers and gauges and gauging the Indus 1921-22—Repairs.	26,144	...
1	20,70,254	1,81,138	...	55,25,104	5,60,34,145	...	...	...	...	...	...	...	...	...	Annual repairs to store room at Sukkur—Repairs.	253	...
															Repairs to Indus River Commission's office at Rohri—Repairs.	1,143	...
															Works ...	499	...
67,123	69,495	2,350	...	1,61,118	19,66,367	...	...	...	...	...	...	...	...	...	Canals in Rohri ... Repairs ...	253	...
															Sukkur Begari Bunds—Repairs ...	3,05,633	...
															Repairs to Bunds in Shikarpur Canals District—Repairs.	69,610	...
															Works ...	93	...
															Mahiwah ... Repairs ...	10,097	...
															Establishment	97,855	...
															Tools and Plant	11,883	...
															Share of collection charges ...	10,594	...
19,69,323	21,39,709	1,83,488	...	56,86,222	6,05,80,512	...	...	...	...	...	...	...	...	...	Direct Receipts	...	2,765
															Irrigation share of Consolidated Revenue.	...	1,37,463
															Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands up to the end of the year 1930-1931 and 6-10th per cent. on 9/10ths proceeds from sale of occupancy rights in lands for the year 1921-22.	...	1,760
															Total, Shikarpur Canals District ...	6,11,139	1,41,987
															GHAR CANALS DISTRICT.		
															Improving Rajan Agari Bund—Works.	7,809	...
96,629	19,299	—3,690	...	38,453	17,69,498	1,99,077	3,37,328	1,06,072	38	71,467	—33,386	30,917	6,137	7,76,151	Maintenance and Repairs to Ghar Bunds—Repairs.	13,950	...
															Sukkur Canal—Repairs	4,291	...
															Ghar Canal—Repairs	4,135	...
															Establishment	5,318	...
															Tools and Plant	603	...
															Share of collection charges ...	22,175	...
															Direct Receipts	...	93
9,58,793	5,39,810	83,401	...	17,28,294	5,65,92,037	...	...	...	...	...	...	...	...	...	Irrigation share of Consolidated Revenue.	...	2,25,649
															Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	36
															Total, Ghar Canals District ...	56,938	2,25,878
															Carried over ...	12,31,078	9,12,380

(a) Five per cent. on survey establishment adjusted by debit to Establishment under the head "55 Construction of Irrigation Works and credit to Establishment of the Right Bank Division.

N.B.—In addition to the above an expenditure of Rs. 6,612 was incurred in the Electrical District on electrict installations, to the Assistant Engineer's bungalow in the Shikarpur Canals District.

General Abstract of Financial Results of Irrigation

	PRODUCTIVE.															
	Desert.	Unharwáh.	Begári.	Eastern Nára	Jámráo Canal.	Sukkur Canal.	Ghár Canal.	Allahabar Kacheri Canal.	Marak Great Canal.	Sar-frazwáh.	Fuleli Canal.	Hasan-ali Canal.	Sukkur Barrage.	Sehar-wáh.	Total.	Mahi-wáh.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Simple Interest.																
During year.	88,075	25,539	30,053	2,49,408	2,98,850	45,071	20,989	4,787	19,796	3,942	81,468	9,641	11,993	1,781	9,43,913	45,521
To end of year.	30,30,175	8,09,093	33,44,147	1,11,36,469	70,30,072	26,45,245	9,53,770	48,269	3,98,988	2,21,080	30,30,757	1,61,807	12,255	3,635	3,38,47,495	9,23,921

*Represent recoveries on account of tools and plant adjusted by credit to revenue receipts but before making *pro rata* distribution

Works in Sind for, and to end of, 1921-1922—continued.

Unproductive.					Grand Total.	15 Other Revenue Expenditure Financed from Ordinary Revenues. Works for which only revenue accounts are kept.								
Did Canal.	Nasrat Canal.	Suttah Canal.	Naulakhi Canal.	Total.		Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Eastern Nara.	Nasrat Canals District.	Hyderabad Canals District.	Fulcli Canal. District.	Sukkur Barrage.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
51,855	39,805	5,761	170	1,96,560	11,39,573	...	...	...	...	...	...	—	—	...
13,35,413	12,22,224	1,03,471	3,308	46,88,437	3,69,55,932	...	...	...	...	...	...	...	...	...

Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.

	Expenditure.	Receipts.
	Rs.	Rs.
Brought over ...	12,21,978	9,15,380
Karachi Canals District.		
Raising Belo loop ... Works ...	99,125	...
Raising Belo loop ... Repairs ...	38,002	...
Raising Aghimani Baphi from mile 0/0 to 2/6—Works.	10,003	...
Special repairs to Subordinates Landhi at Sanwal—Repairs.	341	...
Bunds right bank ... Works ...	1,15,913	...
Bunds right bank ... Repairs ...	1,36,964	...
Bunds left bank ... Works ...	86,923	...
Bunds left bank ... Repairs ...	1,04,475	...
Constructing Kot Almo Loop bund miles 18/5 to 20/1 of M. S. Bund—Repairs.	8,796	
Suttah Canal ... Works ...	1,994	.
Suttah Canal ... Repairs ...	4,257	...
Establishment	1,06,983	...
Tools and Plant	14,235	...
Share of collection charges	2,041	...
Direct Receipts	...	2,605
Irrigation share of consolidated Revenue.	...	31,355
4 per cent. on 9/10ths proceeds from sale of occupancy rights in lands up to the end of the year 1920-1921 and 6·1038 per cent. on 9/10ths proceeds from sale of occupancy rights in lands for the year 1921-1922.	...	548
Total, Karachi Canals District ...	7,29,093	34,500
Karachi Buildings District.		
Making surveys on Indus—Works...	5,874	..
Constructing a railing tank at Kotri Works.	15,568	...
Establishment	3,808	...
Tools and plant	532 *1,403	...
Direct Receipts	...	1,705
Total, Karachi Buildings District ...	28,280	1,705
Western Nara District.		
Excavating a branch Karia C.D. from Karia Muradwah—Works.	720	
Constructing a sluice in the Gap Bund at mile 0—3—Works.	109	.
Providing earthen platform for stocking Alkaline stores for the bunds in Western Nara District—Works.	374	...
Constructing a Darogas Landhi and a Bauthbund at mile 45·1 of the Western Nara bund in Western Nara District.	3,042	..
Western Nara Bund Works. Works ...	9,500	...
Western Nara Bund Works. Repairs ...	94,813	...
Raising and strengthening Abad bund—Works.	15,047	...
Manjhand bund—Repairs	1,192	...
Establishment	20,462	...
Tools and plant	2,730	...
Share of collection charges	440	...
Direct receipts	...	672
Irrigation share of consolidated Revenue.	...	7,337
Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	20
Total, Western Nara District ...	1,41,489	8,029
Total, Works for which neither Capital nor revenue accounts are kept.	21,20,839	9,59,692

They have been deducted from gross tools and plants charges, *vide* rule 14 of Appendix 7, P. W. Accounts Code, and added here.

	PRODUCTIVE.															
	Desert	Unharwáh	Begári	Eastern-Nára	Jámráo Canal.	Sukkur Canal.	Ghár Canal.	Allahar Kacheri Canal.	Marak Great Canal.	Sar-frazwáh.	Fuleli Canal.	Hagan-ali Canal.	Sukkur Barrage.	Sehar-wah.	Total.	Mahi-wáh.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Net profit after paying Interest.																
During year	2,12,476	85,731	1,84,476	−3,19,255	−1,14,350	−43,717	5,55,661	3,996	53,583	−13,011	2,67,098	−5,680	−11,993	−1,781	7,99,052	−1,11,881
To end year.	51,69,509	24,67,174	66,39,607	33,74,507	5,12,548	4,06,017	3,32,81,385	3,27,022	21,59,899	4,14,496	1,02,47,020	1,32,466	−12,256	−3,525	5,50,15,969	−10,54,245

Works in Sind for, and to end of, 1921-1922—concluded.

UNPRODUCTIVE.					Grand Total.	15 OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUE. WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.								
Abad Canal.	Nasrat Canal.	Sottah Canal.	Naulakhi Canal.	Total.		Shikárpur Canals District.	Western Nara District.	Karáchi Canals District.	Eastern Nara	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Sukkur Barrage.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
11,940	−49,506	−9,307	−170	−1,58,127	6,40,925	...	...	...			...	...	...	...
−6,49,515	−4,02,004	−50,670	−3,898	−22,59,843	5,96,46,185	...	...	...	...	...	...	...	...	...

Expenditure on and Receipts from 15—Other revenue expenditure Financed from Ordinary revenues (3) Miscellaneous expenditure.

	Expenditure.	Receipts.
	Rs.	Rs.
EASTERN NARA DISTRICT.		
Surveying the proposed distributary ex 65th Mile Mithrao Canal repairs.	156	...
Establishment	55	...
Tools and Plant	2	...
	213	...
JAMRAO CANAL DISTRICT.		
Making Surveys of the Nara from head to Jamrao weir—Repairs.	911	...
Establishment	323	...
Tools and Plant	9	...
	1,243	...
Total Miscellaneous expenditure ...	1,456	...

F. P. MADON,
Assistant Accounts Officer.

STATEMENT

Statement of Area irrigated by Irrigation Works

Name of Canal.		Area Irrigated in Acres.			Net Area irrigated after deducting Area in which Remissions were granted.			Number of days Each Canal was in Flow.	
		Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	Kharif.	Rabi.
1		2	3	4	5	6	7	8	9
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Days.	Days.
55—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT & DRAINAGE WORKS.								*Indus Right*	
A—Irrigation Works.									
(1) Productive.									
Begári Canals District.	Desert Canal	127,286	109,143	236,428	125,228	106,099	231,327	214	
	Uchérwáh	45,596	41,957	87,553	45,461	40,949	86,410	142	
	Begári Canal	187,593	103,295	290,823	181,909	107,031	288,940	167	
Ghár Canals District.	Ghár Canal	205,775	134,214	339,989	201,437	131,550	333,287	197	
	Sukkur Canal	59,118	41,379	100,497	57,178	40,469	97,647	114	188
(2) Unproductive.									
Shikárpur Canals District.	Máhiwáh	41,577	17,422	58,999	40,185	16,304	56,489	122	
Karáchi Canals District.	Sattah	13,776	324	14,100	13,307	322	13,629	117	
15—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.									
A—Irrigation Works.									
(1) Works for which only Revenue accounts are kept.									
Shikárpur Canals District.	Canals in Kohri	30,019	16,223	44,246	29,386	15,999	44,385	76	
	Sind Canal	47,783	27,040	74,903	47,627	26,753	74,440	117	
	Rajib Canal	4,343	4,013	8,356	4,175	4,012	8,187	105	
	Chhití Canal	4,099	5,734	9,833	4,099	5,734	9,833	91	
	Gaisinj Canal	1,547	3,241	4,788	1,547	3,240	4,787	86	
	Western Nára including New Feeder and Pritchard Canal ...	207,482	134,116	341,598	168,849	119,275	288,124	187	
Western Nára District.	Marri	2,919	1,627	4,546	2,892	1,489	4,381	94	
	Dádu Canals	7,9 3	5,992	13,894	7,225	5,133	12,358	119	
	Phitta Canal	2,7..0	1,432	4,202	2,205	1,248	3,453		
	Charlo Wahur (Ara) including Manchar.) ...	4,129	22,283	26,412	76	20,051	20,127		
	Canals north of Kotri ...	5,529	4,183	9,712	4,533	4,183	8,716	84	
	Wahurwáh	1,226	1,734	2,960	700	1,193	1,893	124	
Karáchi Canals District.	Baghar	28,670	7,252	35,922	27,778	6,784	34,562	124	
	Pinyári	79,719	16,532	96,251	77,681	12,237	89,918	114	
	Kalri	13,957	3,542	17,499	12,785	3,514	16,299		
55—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT & DRAINAGE WORKS.								*Indus Left*	
A—Irrigation Works.									
(1) Productive.									
Jámráo Canal District.	Jámráo Canal	146,054	42,033	1,88,087	144,797	39,462	184,259	173	148
Eastern Nára District.	Mithráo Canal	70,780	5,848	76,628	69,227	5,188	74,415	168	109
	Tháru Canal	31,421	7,803	39,229	25,128	6,800	31,938	153	
	Hiral Canal	10,443	1,497	11,950	9,938	1,411	11,774	153	
	Khipro Canal	1,688	425	2,113	1,638	425	2,063	61	
Hyderabad Canals District.	Allibahr Kacheri ...	10,116	1,567	11,683	10,116	1,543	11,659	109	
	Great Márak	64,793	7,502	72,344	64,493	7,216	71,713	130	
	Sarfraz	23,131	2,526	25,657	23,047	2,510	25,557	127	
Fuleli Canals District.	Fuleli Canal	331,036	64,812	395,898	323,188	60,615	383,753	183	182
	Hasanali Canal	14,793	1,426	16,219	14,681	1,110	15,791	131	
(2) Unproductive.									
Nasrat Canals District.	Dád Canal	91,270	24,075	115,345	90,817	23,602	114,419	122	
	Nasrat Canal	72,227	7 803	80,030	69,992	6,169	76,161	122	
15—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.									
A—Irrigation Works.									
(1) Works for which only Revenue accounts are kept.									
Nasrat Canals District.	Mehrabwáh	4,869	440	5,309	4,799	413	5,212	86	
	Naufakhi	35,118	6,891	42,009	35,046	6,866	41,912	122	
	Dambro	10,052	2,044	12,096	10,012	1,984	11,996	104	

I.E.

in Sind during the year 1921-1922.

Average Discharge in cubic feet per second.				Area irrigated per cubic foot per second.				Depth of water used on area irrigated.		Remarks.
At Head.		Utilized.		At Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
10	11	12	13	14	15	16	17	18	19	20
C. ft.	C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	
Bank Division.										
1,933		1,933		122		122		3·51		
1,173		1,173		75		75		3·79		
3,280		3,280		90		90		3·71		
5,048		5,048		67		67		5·38		
1,891	167	1,894	167	81	247	81	247	7·35	1·52	
1,258		1,258		47		47		5·19		
1,053		1,053		13		13		18·0		
1,355		1,355		37		37		4·11		
1,903		1,903		89		89		5·0		
170		170		49		49		4·28		
230		230		43		43		4·28		
121		121		40		40		4·3		
4,460		4,460		77		77		4·86		
110		110		41		41		4·38		
297		297		46		46		5·17		
				Discharges incomplete.						
				Da.		Da.				
39		39		76		76		2·21		
5,617		Not known.		6		...		41·33		
2,153		2,153		45		45		5·51		
463		463		38		38		6·0		
Bank Division.										
1,534	368	1,534	368	92	48	92	48	3·8	6·2	Improvement in Kharif duty is due to economic use of water on the increased area of dry crops other than cotton.
1,159	325	1,159	325	61	18	61	18	5·5	12·1	
714		714		55		55		5·6		
110		110		109		109		2·8		
73		73		23		29		4·2		
249		249		47		47		4·64		
1,419		1,149		50		50		5·20		
397		397		65		65		4·00		
7,727	1,595	7,637	1,281	48	40	43	50	8·5	7·3	
505		505		52		32		8·2		
2,333		2,333		49		49		4·28		
1,466		1,466		55		55		4·44		
118		118		45		45		3·82		
1,245		1,245		34		34		7·18		
456		456		27		27		7·70		

STATEMENT II-E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind, during the year 1921-1922.

Name of Canal.	Average discharge of the year in Cusecs per second.	Water-rate assessed during 1921-1922.					Gross Assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	Area irrigated during the year.	Working Expenses.			90 per cent. of Net Consolidated Assessment.		Total Water Rate, Direct and Indirect.	
		Occupiers.	Owners.	Total, Direct.	Indirect.	Total, Direct and Indirect.				For cent. on Gross Revenue.	For acre irrigated.	For cubic foot per second discharge at Canal Head.	For acre irrigated.	For cubic foot per second discharge at Canal Head.	For acre irrigated.	For cubic foot per second discharge at Canal Head.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	C. ft.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Acres.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
45.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT & DRAINAGE WORKS.																
A—Irrigation Works																
(1) Productive.																
Begári Canals District { Desert Canal / Unharwah / Begári Canal	1,833 1,172 3,230	92,467 232 26,105	... ...	92,467 232 26,105	4,37,666 2,07,920 6,70,777	5,30,053 2,08,152 7,03,972	5,33,332 2,09,460 7,09,445	3,16,647 80,112 4,07,575	221,745 54,406 255,612	41 78 0 98 40 81 1 10 62 04 1 63	113·13 37·04 142·64	2·67 2·43 2·02	220·03 174·01 203·34	2·25 2·47 2·75	225·03 177·47 216·83
Ghár Canals District... { Sukkur Canal / Ghár Canal	2,061 5,040	1,431 7,253	... ...	1,431 7,253	2,60,052 6,49,731	2,61,483 6,57,436	2,65,074 6,69,302	1,80,833 5,74,925	74,688 245,877	74 27 1 03 85 83 1 10	93·33 64·25	2·61 3·95	132·73 196·63	3·69 3·85	135·85 189·60
Jámrão Canal District.—Jámrão Canal ...	1,764	1,343	...	1,343	5,59,368	5,60,736	5,92,741	5,82,872	193,310	98 35 1 19	474·41	2·63	834·33	3·05	447·16
Eastern Nára District. { Mithrao Canal / Thar Canal / Eastern Nára / Hirul Canal	785 714 ... 110	239 725	... ...	239 725	1,63,294 54,042 53,921 39,851	1,63,533 54,777 53,921 39,851	1,67,474 56,122 61,063 38,149	1,08,060 41,315 1,34,089 38,218	78,993 27,450 37,033 13,597	99 17 1 19 131 5 3 04 221 03 3 67 70 74 2 21	210·91 153·70 ... 2·23·31	2·17 2·21 1·56 2·95	355·08 117·09 ... 224·87	2·16 2·23 1·23 3·05	539·09 119·73 ... 332·92
Hyderabad Canals District. { Allahabar Kachri / Great Márak / Sarfraz	249 1,449 397	476 1,004 1,848	... ...	476 1,004 1,848	24,703 1,73,249 51,753	25,201 1,74,253 53,009	25,778 1,76,703 58,851	9,215 84,014 51,769	11,381 71,435 25,594	36 16 0 92 47 62 1 18 95 17 1 03	37·41 57·93 150·39	3·33 2·66 2·23	99·19 117·39 137·09	2·21 2·45 2·07	101·37 120·67 139·76
Fuleli Canals District { Fuleli Canal / Hasnali Canal	9,811 605	29,119 4 9	... ...	29,119 429	9,10,661 43,079	9,51,780 43,433	9,69,399 41,317	5,05,681 37,488	3,67,765 10,111	52 16 1 30 84 41 2 33	109·11 70·23	2·70 2·80	189·76 83·81	2·44 2·70	192·33 86·23
Total, Productive Works ...	...	1,06,283	...	1,06,283	46,36,177	46,93,460	48,88,867	29,66,455	1,745,703	60·67	1·03	...	2·88	...	2·75	...
(2) Unproductive.																
Shikárpur Canals District. Mahiwah ... / Karachi Canals District. Saitah Canal ...	1,285 1,053	743 37	... ...	743 37	1,45,027 35,582	1,45,772 35,620	1,53,000 36,803	1,22,931 35,430	58,473 16,931	84 21 1 28 92 16 3 26	103·91 33·76	2·20 2·73	112·21 35·60	2·25 2·73	118·27 38·97
Nasrat Canals District. { Dad Canal / Nasrat Canal	2,133 1,486	2,078 63,114	... ...	2,078 63,114	3,15,541 2,21,431	3,17,619 2,84,545	3,18,376 2,92,814	2,02,893 1,80,253	108,577 79,617	63 72 1 47 61 54 1 26	86·96 12·64	2·96 2·74	131·39 147·96	2·99 2·89	137·14 150·22
Total, Unproductive Works ...	...	64,975	...	64,975	7,32,581	7,95,836	8,04,072	5,47,497	2,63,598	68 09 1 41	...	2·77	...	3·07	...	...
Grand Total, Productive and Unproductive Works ...	...	1,31,258	...	2,31,258	53,67,027	53,93,295	56,92,939	35,13,952	20,01,258	61·72	1·76	...	2·87	...	2·76	...

STATEMENT III-E.

STATEMENT III-E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1921-1922.

Description of Crops.		Begári Canals District.								
		Desert Canal.			Unhárwah.			Begári Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre
1		2	3	4	5	6	7	8	9	10
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	29,634	16,74,955	57	925	45,584	49	52,852	18,82,140	35
	Jowári	49,214	28,21,876	57	5,793	2,89,260	50	89,235	40,02,278	45
	Bájri	44,759	21,93,973	49	36,732	16,97,930	47	32,325	12,79,256	39
	Cotton	147	19,348	132	12	1,202	100	46	3,314	72
	Other crops	3,531	1,28,184	37	2,129	68,096	32	13,070	5,24,231	40
	Total	127,285	68,38,336	54	45,593	21,02,072	46	187,528	76,91,219	41
Rabi	Wheat	31,299	26,43,026	84	12,480	10,51,608	84	14,786	12,28,587	83
	Barley	9	480	53	6	269	44	29	1,284	44
	Oil-seeds	31,740	13,42,036	42	10,157	4,79,969	47	26,437	9,76,881	27
	Other crops	46,095	12,67,908	28	19,314	3,47,962	18	68,043	17,98,799	26
	Total	109,143	52,53,450	48	41,957	18,79,808	45	1,09,295	40,00,551	37
Total under both Heads		236,428	1,20,91,786	51	87,553	39,81,880	45	296,823	1,16,91,770	39

Description of Crops.		Begári Canals District—*concluded.*						Shikárpur Canals District.		
		Canals from Kashmor Bund.			Total.			Mahiwáh.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		11	12	13	14	15	16	17	18	19
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	32	1,183	30	83,450	36,03,862	43	2,319	68,538	30
	Jowári	234	10,778	46	144,481	71,24,192	49	24,757	7,73,003	31
	Bájri	1,000	39,843	40	114,816	52,11,002	45	12,048	3,29,905	27
	Cotton	13	1,122	86	218	24,986	114	119	4,084	34
	Other crops	111	1,646	15	18,841	7,22,157	38	2,334	1,04,213	44
	Total	1,397	54,572	39	361,806	1,66,86,199	46	41,577	12,79,743	30
Rabi	Wheat	1,344	1,21,701	90	59,909	50,45,012	84	12,554	6,04,730	48
	Barley	1	55	55	45	2,088	46	29	870	30
	Oil-seeds	237	10,863	45	68,371	28,09,749	41	2,062	53,510	26
	Other crops	427	8,207	19	133,879	34,17,876	25	2,777	1,24,710	44
	Total	2,009	1,40,916	70	262,404	1,12,74,725	42	17,422	7,83,820	45
Total under both Heads		3,406	1,95,488	57	624,210	2,79,60,924	45	58,999	20,63,563	35

STATEMENT III-E—*continued.*

SHIKÁRPUR CANALS DISTRICT—*continued.*

Description of Crops.	Canals in Rohri.			Sind Canal.			Rajib Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre
1	20	21	22	23	24	25	26	27	28
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	341	6,837	20	16,724	5,06,569	30	1,287	69,498	54
Kharif — Jowári	23,379	5,06,147	22	23,278	5,62,477	24	2,592	90,720	35
Kharif — Bájri	2,743	71,328	26	3,099	1,00,590	32	26	780	30
Kharif — Cotton	365	12,124	33	20	984	49	3	144	48
Kharif — Other crops	3,191	1,00,280	31	4,742	2,50,316	53	335	13,400	40
Kharif — Total	30,019	6,96,666	23	47,863	14,20,933	29	4,243	1,74,542	41
Rabi — Wheat	12,940	6,51,954	50	8,074	3,19,957	40	1,605	47,410	29
Rabi — Barley	85	1,975	23	13	453	35	2	70	35
Rabi — Oil-seeds	1,385	17,774	13	3,402	66,448	19	59	1,180	20
Rabi — Other crops	1,819	60,095	33	15,551	3,21,404	25	2,347	97,880	41
Rabi — Total	16,229	7,31,798	45	27,040	7,78,252	29	4,013	1,46,540	37
Total under both Heads	46,248	14,28,464	31	74,903	21,99,200	29	8,256	3,21,082	38

SHIKÁRPUR CANALS DISTRICT—*continued.*

Description of Crops.	Chitti Canal.			Garang Canal.			Bunds in Rohri.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	29	30	31	32	33	34	35	36	37
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	405	21,870	54	6	324	54	...	...	...
Kharif — Jowári	3,161	47,435	15	1,283	44,905	35	410	6,150	15
Kharif — Bájri	9	270	30	1	30	30	...	...	...
Kharif — Cotton	3	144	48	...	...	...	1	15	15
Kharif — Other crops	521	20,680	39	257	10,280	40	33	980	30
Kharif — Total	4,099	90,399	22	1,547	55,539	35	444	7,145	16
Rabi — Wheat	2,194	92,148	42	1,325	55,650	42	1,251	36,530	29
Rabi — Barley	2	70	35	4	140	35	3	48	16
Rabi — Oil-seeds	364	7,280	20	254	5,080	20	89	712	8
Rabi — Other crops	3,174	86,960	27	1,678	67,120	40	33	990	30
Rabi — Total	5,734	1,86,458	32	3,261	1,27,990	39	1,376	38,280	27
Total under both Heads	9,833	2,76,857	29	4,808	1,83,529	39	1,820	45,425	24

STATEMENT III-E—*continued.*

Description of Crops.		Shikárpur Canals District—*concluded.*						Ghar Canals District—*continued.*		
		Sukkur Begári Bund.			Total.			Sukkur Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		38	39	40	41	42	43	44	45	46
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	613	33,102	54	21,695	7,06,738	33	38,867	7,08,373	18
	Jowári	2,307	80,712	35	81,167	21,11,540	26	16,086	2,30,593	14
	Bájri	77	2,310	30	18,003	5,05,213	28	669	9,181	14
	Cotton	3	146	48	514	17,641	34	5	184	37
	Other crops	217	8,392	38	11,630	5,08,493	44	3,501	51,176	15
	Total	3,217	1,24,662	36	1,33,009	38,49,634	29	59,118	9,99,507	17
Rabi	Wheat	1,159	50,592	43	41,102	18,58,971	45	13,348	4,09,039	31
	Barley	4	140	35	142	3,766	26	57	398	7
	Oil-seeds	191	2,690	14	7,305	1,54,674	19	9,286	1,15,603	12
	Other crops	5,600	2,22,940	39	32,979	10,52,099	32	18,688	2,21,038	11
	Total	6,954	2,76,362	39	82,029	30,69,510	37	41,379	7,46,078	18
Total under both Heads		10,171	4,01,024	39	2,15,038	69,19,144	32	1,00,497	17,45,585	17

Description of Crops.		Ghár Canals District—*concluded.*								
		Ghár Canal.			Ghár Bunds.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		47	48	49	50	51	52	53	54	55
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	1,69,775	57,88,598	34	...	...	...	208,645	64,96,971	31
	Jowári	29,296	5,08,553	17	130	4,045	31	45,512	7,43,191	16
	Bájri	941	8,359	9	...	...	...	1,800	17,540	11
	Cotton	7	77	11	...	...	...	12	261	22
	Other crops	5,753	66,967	12	108	4,013	38	9,362	1,22,155	13
	Total	2,05,775	63,72,554	31	238	8,058	34	265,131	73,80,119	28
Rabi	Wheat	21,155	4,75,009	22	328	12,123	37	34,831	8,96,171	26
	Barley	55	572	10	4	140	35	116	1,110	10
	Oil-seeds	46,281	3,61,760	8	67	1,264	19	55,634	4,78,627	9
	Other crops	66,723	2,95,623	4	54	2,144	40	85,465	5,18,805	6
	Total	1,34,214	11,32,964	8	453	15,671	35	176,046	18,94,713	11
Total under both Heads		3,39,989	75,05,518	22	691	23,729	34	441,177	92,74,832	21

STATEMENT III-E—*continued.*

Description of Crops.		Karachi Canals District.			Western Nára District.			Indus Right Bank Division.		
		Canals and Bunds.			Canals and Bunds.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		56	57	58	59	60	61	62	63	64
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	190,810	1,52,64,800	80	171,043	58,57,295	34	675,643	3,19,29,666	47
	Jowári	506	60,720	120	53,566	14,31,963	27	325,232	1,14,71,615	35
	Bájri	9,022	10,82,640	120	4,510	3,68,697	81	147,951	71,85,092	48
	Cotton	4	48	12	84	952	11	832	43,888	52
	Other crops	3,954	6,32,640	160	4,302	94,535	22	48,089	20,79,981	43
	Total	204,296	1,70,40,848	83	233,505	77,53,442	33	1,197,747	5,27,10,242	44
Rabi	Wheat	160	25,600	160	60,492	17,85,430	29	196,494	96,11,184	48
	Barley	4,414	4,63,470	105	2,230	31,519	14	6,947	5,01,953	72
	Oil-seeds	16,894	20,27,280	120	44,362	6,76,368	15	193,367	81,46,698	32
	Other crops	15,325	24,52,000	160	65,506	9,40,436	14	333,154	33,81,216	25
	Total	36,793	49,68,350	135	172,590	34,33,753	20	729,862	2,46,41,051	33
Total under both Heads		241,089	2,20,09,198	91	406,095	1,11,87,195	27	1,927,609	7,73,51,293	40

Description of Crops.		Northern and Southern Jámra'o Canal Districts.			Eastern Nára District.					
		Jámra'o Canal.			Nára Supply Channel.			Eastern Nára.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		65	66	67	68	69	70	71	72	73
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	13	650	50	219	3,285	15	6,177	1,54,390	25
	Jowári	9,701	2,04,194	21	1,136	17,040	15	184	2,823	15
	Bájri	81,205	22,37,716	28	162	1,296	8	21,073	4,57,486	22
	Cotton	49,586	24,24,630	49	4	60	15	1,541	84,734	55
	Other crops	5,529	1,20,339	22	124	3,720	30	112	2,702	24
	Total	146,034	49,87,529	34	1,645	25,401	15	29,087	7,02,135	24
Rabi	Wheat	25,427	7,89,566	31	5,697	1,70,910	30	5,670	1,53,328	27
	Barley	65	988	15	5	80	16	134	1,536	12
	Oil-seeds	6,517	87,609	13	1,171	9,368	8	2,649	21,160	8
	Huris	1,613	3,786	2	...	...	...	25	113	5
	Other crops	8,411	1,74,052	21	3,028	90,840	30	1,251	22,294	18
	Total	42,033	10,56,001	25	9,901	2,71,198	27	9,729	1,98,451	20
Total under both Heads		188,067	60,43,530	32	11,546	2,96,599	24	38,816	9,00,586	23

STATEMENT III-E—*continued.*

EASTERN NÁRA DISTRICT—*continued.*

Description of Crops.	Mithrão Canal.			Thar Canal.			Khipro Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	74	75	76	77	78	79	80	81	82
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	18,802	4,81,136	26	23,507	8,61,923	37	...	...	...
Kharif — Jowári	976	11,210	11	86	1,892	22	1	6	6
Kharif — Bájri	38,442	8,78,880	23	6,395	2,04,640	32	1,633	27,875	17
Kharif — Cotton	11,401	5,94,090	52	994	14,910	15	...	...	...
Kharif — Other crops	1,159	33,860	29	449	11,973	24	4	80	20
Kharif — Total	70,780	19,94,126	21	31,431	10,95,338	35	1,638	27,961	16
Rabi — Wheat	1,253	39,508	32	4,438	1,62,653	37	117	2,438	21
Rabi — Barley	1	16	16	128	2,389	19	...	...	...
Rabi — Oil-seeds	2,685	22,482	8	1,917	18,170	10	288	2,453	9
Rabi — Huris	202	971	5	134	268	2	8	36	5
Rabi — Other crops	1,707	15,620	9	1,193	59,050	50	12	56	5
Rabi — Total	5,848	78,598	13	7,808	2,44,180	31	425	4,983	12
Total under both Heads	76,628	20,72,724	27	39,239	13,39,468	34	2,113	32,944	16

EASTERN NÁRA DISTRICT—*concluded.*

Description of Crops.	Hiral Canal.			Total.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	83	84	85	86	87	88
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	3,413	97,627	29	52,118	15,98,481	31
Kharif — Jowári	45	607	13	2,428	33,573	14
Kharif — Bájri	6,274	1,54,497	25	74,029	17,19,624	23
Kharif — Cotton	646	34,884	54	14,586	7,26,678	50
Kharif — Other crops	85	2,550	30	1,933	54,885	28
Kharif — Total	10,463	2,90,235	28	1,45,094	41,35,196	28
Rabi — Wheat	595	21,717	36	17,763	5,50,554	31
Rabi — Barley	...	...	...	268	4,041	15
Rabi — Oil-seeds	750	5,236	7	9,460	72,870	8
Rabi — Huris	1	3	3	370	1,391	4
Rabi — Other crops	141	2,780	20	7,332	1,91,240	26
Rabi — Total	1,487	29,736	20	35,193	8,27,096	23
Total under both Heads	11,950	3,19,971	27	1,80,292	49,62,292	27

STATEMENT III-E—*continued.*

Description of Crops.	Nasrat Canals District.								
	*Dad Canal.			Nasrat Canal.			Navlakhi Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	89	90	91	92	93	94	95	96	97
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	20,124	4,23,536	21	44	250	6	2,168	21,230	10
Kharif — Jowári	24,390	6,54,236	27	20,696	2,93,892	14	24,114	3,38,873	14
Kharif — Bájri	34,511	9,25,872	27	25,428	4,10,479	16	6,324	99,926	16
Kharif — Cotton	4,245	1,70,875	40	9,141	3,61,675	40	376	6,060	16
Kharif — Other crops	8,000	1,77,741	22	16,898	2,53,342	15	2,136	64,816	30
Kharif — Total	91,270	23,52,260	26	72,207	13,19,688	18	35,118	5,30,875	15
Rabi — Wheat	6,847	2,32,900	34	1,994	76,775	39	5,872	1,73,180	31
Rabi — Barley	1,032	36,063	35	9	185	21	74	1,795	24
Rabi — Oil-seeds	10,717	2,50,649	23	5,075	1,29,733	26	678	24,911	37
Rabi — Other crops	5,479	88,251	16	725	10,452	14	457	7,053	15
Rabi — Total	24,075	6,07,863	25	7,803	2,17,145	28	6,891	2,06,939	30
Total under both Heads	1,15,345	29,60,123	26	80,010	15,36,833	19	42,009	7,37,814	18

*Includes Ron Distributary in charge of the Executive Engineer, Hyderabad Canals District.

Description of Crops.	Nasrat Canals District—*concluded.*						Hyderabad Canals District.		
	Other Canals.			Total.			Alibabar Kacheri.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value Per acre.
1	98	99	100	101	102	103	104	105	103
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	934	16,386	18	23,270	4,61,372	20	291	6,968	24
Kharif — Jowári	10,593	1,95,380	18	79,793	14,82,381	19	513	14,144	28
Kharif — Bájri	6,092	1,04,045	17	72,355	15,40,322	21	7,900	2,24,340	28
Kharif — Cotton	16	435	27	13,778	5,39,045	39	1,227	47,720	39
Kharif — Other crops	708	19,805	28	27,742	5,15,754	19	185	4,990	27
Kharif — Total	18,343	3,36,051	18	2,16,938	45,38,874	21	10,116	2,98,162	29
Rabi — Wheat	3,837	1,15,120	30	18,350	5,97,975	33	110	3,160	29
Rabi — Barley	274	6,472	24	1,389	44,515	32	...	...	...
Rabi — Oil-seeds	471	16,786	36	16,941	4,32,079	25	786	19,713	25
Rabi — Other crops	623	14,952	24	7,294	1,20,708	17	671	9,292	12
Rabi — Total	5,205	1,53,330	29	43,974	11,85,277	27	1,567	32,165	21
Total under both Heads	23,518	4,89,381	21	2,60,912	57,24,151	21	11,683	3,30,327	28

STATEMENT III-E—*continued.*

Description of Crops.	Hyderabad Canals District—*continued.*								
	Great Marakh.			Sarfraz.			Other Canals.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	107	108	109	110	111	112	113	114	115
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	6,753	1,95,862	29	717	15,986	22	728	20,285	28
Kharif — Jowári	2,236	58,386	26	1,062	38,318	36	3,868	89,971	23
Kharif — Bájri	39,588	11,69,860	30	16,771	5,43,353	32	87,977	26,75,837	31
Kharif — Cotton	14,879	6,77,940	46	3,797	1,32,255	35	22,655	5,70,345	25
Kharif — Other crops	1,326	40,129	30	784	26,324	46	6,363	2,17,030	34
Kharif — Total	64,782	21,42,177	33	23,131	7,66,216	33	1,21,591	35,73,468	29
Rabi — Wheat	474	13,255	30	644	21,532	33	2,623	72,477	28
Rabi — Barley	...	...	...	...	...	...	...	...	...
Rabi — Oil-seeds	1,668	40,614	24	433	14,282	33	2,989	1,05,809	35
Rabi — Other crops	5,420	74,864	14	1,449	42,431	29	15,151	3,82,314	25
Rabi — Total	7,562	1,33,733	18	2,526	78,245	31	20,763	5,60,600	27
Total under both Heads	72,344	22,75,910	31	25,657	8,44,461	33	1,42,354	41,34,068	29

Description of Crops.	Hyderabad Canals District—*concluded.*			Fuleli Canals District.					
	*Total.			Fuleli Canal.			Hasanali Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	116	117	118	119	120	121	122	123	124
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	8,489	2,39,081	28	2,31,601	59,89,111	26	11,833	4,14,380	35
Kharif — Jowári	7,679	2,00,819	26	4,432	1,49,385	33	91	2,739	30
Kharif — Bájri	152,236	46,13,390	30	70,805	21,26,023	31	2,420	72,600	30
Kharif — Cotton	42,558	14,28,260	33	15,269	5,99,885	39	123	3,936	32
Kharif — Other crops	8,658	2,98,478	34	8,979	4,77,223	53	321	11,270	35
Kharif — Total	219,620	67,80,023	31	331,086	94,13,377	28	14,793	5,04,866	34
Rabi — Wheat	3,351	1,15,424	30	19,654	5,35,857	27	24	864	36
Rabi — Barley	...	...	...	2,964	47,505	16	1	20	20
Rabi — Oil-seeds	5,876	1,80,418	31	24,631	3,71,666	15	925	18,500	20
Rabi — Other crops	22,691	5,08,901	22	17,563	4,32,319	24	476	13,001	27
Rabi — Total	32,418	8,04,743	28	64,812	13,87,347	21	1,426	32,385	23
Total under both Heads	252,038	75,84,766	30	395,898	1,08,00,724	28	16,219	5,37,251	33

* Excludes Ren distributary incorporated with Dad Canal in Nasrat Canals District.

STATEMENT III-E—*concluded.*

Description of Crops.		Fulleli Canals District—*concluded.*					
		Other Canals.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		125	126	127	128	129	130
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	17,485	8,42,450	48	2,60,924	72,45,891	28
	Jowári	238	7,810	34	4,761	1,59,905	34
	Bájri	7,799	2,90,940	37	81,024	25,61,568	32
	Cotton	376	13,068	35	15,768	6,16,689	39
	Other crops	451	22,961	51	9,751	5,11,454	52
	Total	26,349	11,77,259	45	372,228	1,10,95,502	29
Rabi	Wheat	472	21,234	45	20,050	5,57,955	28
	Barley	119	5,710	48	3,084	53,235	17
	Oil-seeds	1,599	1,19,920	74	27,155	5,10,086	19
	Huris	.....	.....	...	.....	... ...	...
	Other crops	1,019	32,968	32	19,158	4,73,288	25
	Total	3,209	1,79,832	56	69,447	15,99,564	23
Total under both Heads		29,558	13,57,091	46	441,675	1,26,95,066	29

Description of Crops.		Indus Left Bank Division.			Grand Total for Sind.		
		Total.					
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		131	132	133	134	135	136
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	3,44,814	95,45,425	28	1,020,457	4,14,75,091	40
	Jowári	1,04,362	20,60,877	20	429,594	1,35,52,492	31
	Bájri	4,60,849	1,26,72,615	27	608,860	1,98,87,707	32
	Cotton	1,36,275	57,37,302	42	187,108	57,81,190	42
	Other crops	53,613	15,00,905	28	101,702	35,80,886	35
	Total	10,99,914	3,15,37,124	29	2,297,681	8,42,47,366	36
Rabi	Wheat	85,446	26,11,474	31	281,940	1,22,22,658	43
	Barley	4,806	1,02,779	21	11,753	6,04,732	51
	Oil-seeds	65,949	12,80,062	19	259,216	74,26,760	28
	Huris	1,983	5,177	3	1,983	5,177	3
	Other crops	64,886	14,73,189	23	398,040	98,54,405	24
	Total	223,070	54,72,681	25	952,932	3,01,13,732	31
Total under both Heads		1,322,984	3,70,09,805	28	3,250,593	11,43,61,098	35

STATEMENT

Comparative Statement of Irrigation and Rainfall for

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable Area commanded by the Irrigation Works in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Kelat Territory....	513,195	276,920	93,920	1	Desert Canal	101,493
				2	Begári Canal	180,000
					Total	281,493
Upper Sind Frontier.	1,725,149	1,232,810	573,879	3	Desert Canal	237,492
				4	Usharwah	214,056
				5	Begári Canal	416,887
				6	Canals from Kashmor Bund ...	29,401
				7	Sukkur Canal	50,618
				8	Ghár Canal	58,714
				9	Sind Canal	4,119
				10	Canals in Rohri	...
					Total ..	1,056,287
Sukkur Collectorate.	3,587,937	1,854,193	383,393	11	Begári Canal	83,324
				12	Sukkur Canal	58,056
				13	Ghár Canal	942
				14	Ghár Bunds	2,940
				15	Mahiwah	145,445
				16	Sind Canal	186,919
				17	Canals in Rohri	146,498
				18	Garang Canal	17,900
				19	Rajib Canal	12,400
				20	Chitti Canal	18,200
				21	Bunds in Rohri	5,450
				22	Sukkur-Begári Bund	19,268
				23	Nára Supply Channel	25,000
					Total ...	722,352
Lárkána Collectorate.	1,827,642	1,221,803	275,941	24	Begári Canal	300
				25	Sukkur Canal	50,629
				26	Ghár Canal	378,317
				27	Ghár Bunds	226
				28	Sind Canal	30
				29	Western Nára	345,264
				30	New Feeder	1,650
				31	Pritchard Canal	19,441
				32	Wahurwah	7,200
				33	Marvi	9,521
				34	Dádu Canal	20,854
				35	Phitta Canal	14,466
				36	Manchar	29,500
				37	Aral	11,000
				38	Nára Bunds	9,793
					Total ...	912,000
Karáchi Collectorate.	5,498,556	1 899,807	266,290	39	Canals north of Kotri	21,780
				40	Bunds north of Kotri	1,150
				41	Kalri	40,317
				42	Baghar	96,301
				43	Pinyári	185,600
				44	Indus Canals, Right Bank	198,701
				45	Indus Canals, Left Bank	84,048
				46	Sattah Canal	35,545
				47	Bunds, Right Bank	4,490
				48	Bunds, Left Bank	6,773
				49	Other Canals (Mulcband)	13,770
					Total ...	680,475

IV-E.

the years 1920-1921 and 1921-1922 in Sind.

Area of present cultivated as annually irrigated by the works specified in column 5.	Area irrigated in Acres.						Rainfall.		Remarks.
	1920-1921.			1921-1922.			1920-1921.	1921-1922.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
65,000	30,001	16,306	46,307	38,333	20,110	58,443	1 64	5 53	
30,000	12,947	2,977	15,924	21,061	188	21,249	1 30	4 37	
95,000	42,948	19,283	62,231	59,394	20,298	79,692			
130,000	77,641	64,176	141,817	89,053	89,033	178,085	1 64	5 53	
70,000	51,494	18,852	70,346	45,596	41,957	87,553	1 30	3 90	
200,000	125,953	48,736	174,689	137,015	90,595	227,610	1 30	4 37	
4,000	3,255	1,700	4,955	1,397	2,009	3,406	1 60	6 99	
26,687	8,937	5,413	15,450	5,668	6,049	11,712	0 63	6 87	
29,135	11,803	437	13,240	7,267	5,644	12,911			
...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	
460,772	279,193	140,814	419,447	275,990	235,287	511,277			
50,000	40,871	6,927	47,798	39,452	18,512	57,964	1 30	4 37	
49,166	18,617	6,813	25,430	17,774	11,212	28,986	0 81	2 07	
550	172	34	206	176	225	401			
1,800	291	213	504	231	453	684			
99,000	45,238	6,377	51,615	41,577	17,422	58,999			
111,372	55,791	8,396	64,187	47,663	27,010	74,003			
53,988	30,723	5,786	42,512	30,019	16,229	46,248			
9,500	2,251	1,763	3,984	1,647	3,261	4,908			
11,300	5,656	2,059	7,715	4,243	4,013	8,256	4 53	3 13	
14,500	4,760	2,758	7,518	4,099	5,784	9,883			
4,150	605	501	1,106	444	1,376	1,820			
13,000	4,396	5,507	9,713	3,217	6,954	10,171			
13,200	2,034	10,105	12,142	1,646	9,901	11,548	...	...	
459,026	217,188	57,242	274,430	192,287	127,332	319,619			
125	25	...	25	...	...	...	1 30	4 37	
49,250	37,574	17,312	54,886	35,681	24,118	59,799			
321,551	215,171	75,764	290,935	196,332	128,345	324,677	4 6	12 17	
75	2	34	36	7	...	7			
30	...	...	...	...	...	...	...	...	
386,853	267,554	92,747	300,301	197,672	129,894	327,566			
1,500	723	126	849	641	376	1,017			
12,650	3,637	1,009	9,846	9,169	3,846	13,015			
5,180	1,701	1,689	3,570	1,226	1,734	2,960			
6,700	3,099	1,304	4,403	2,919	1,627	4,546	1 33	8 73	
21,250	6,990	2,083	8,773	7,993	5,201	13,194			
14,400	2,281	990	3,271	2,770	1,432	4,202			
23,590	3,092	14,372	17,464	1,329	13,248	14,576			
8,000	2,327	3,806	6,133	2,801	9,035	11,836			
7,960	2,106	667	2,773	1,534	1,219	2,753			
759,488	491,172	212,083	703,255	461,982	320,666	782,648			
12,9 63	6,174	3,802	9,976	5,529	4,183	9,712	1 33	8 73	
50	16	...	16	14	4	18			
28,200	14,863	2,147	17,010	13,957	3,542	17,499	2 94	10 4	
43,800	33,087	6,300	38,387	28,070	7,252	35,322	2 92	11 19	
119,620	84,272	13,364	97,636	79,719	16,552	96,251	2 88	7 4	
49,600	29,154	4,152	33,306	24,354	4,588	29,442	3 53	11 2	
43,258	35,573	2,271	37,949	26,093	3,796	29,889	3 56	6 35	
23,757	14,530	978	15,508	13,778	324	14,100	1 96	7 6	
3,710	4,467	830	5,797	3,133	152	3,285	3 63	11 43	
4,747	2,150	285	2,435	4,094	597	4,691	2 28	6 52	
9,279	4,259	630	4,889	7,052	938	7,970	...	...	
346,683	238,350	34,369	263,309	216,871	41,918	258,789			

STATEMENT.

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable Area commanded by the Irrigation Works included in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Thar and Párkar Collectorate.	8,727,583	4,191,767	899,536	50	Jámráo Canal	620,218
				51	Eastern Nára	497,812
				52	Mithráo Canal	413,008
				53	Khipro Canal	83,345
				54	Thar Canal	186,000*
				55	Hiral Canal	47,243
				56	Ghâro Mahmudo	30,099
				57	Kari Shumali	21,076
					Total ...	1,799,261
Nawabshah Collectorate.	2,497,943	1,688,294	464,973	58	Jamráo Canal	204,446†
				59	Mohrabwah	68,946
				60	Nasrat Canal	328,163
				61	Nasikhi	162,159
				62	Dambro	51,290
				63	Dad Canal	318,893†
				64	Ren Distributary ex Dad	53,924
				65	Renwah	4,761
				66	Allahar Kacheri	46,324
				67	Great Márak	12,480
				68	Ghâro Mahmudo	53,566
				69	Other Canals	24,597
					Total ...	1,428,553
Hyderabad Collectorate.	2,833,942	13,56,808	531,018	70	Jámráo Canal	8,222
				71	Alibahar Kacheri	6,831
				72	Great Márak	22,358
				73	Ghâro Mahmudo	114,167
				74	Sarfraz	68,720
				75	Kari Shumali	123,731
				76	Nasirwah	109,998
				77	Other Canals	206
				78	Fuleli Canal	456,199
				79	Hasanali Canal	102,151
				80	Other Canals	78,958
					Total ...	1,590,031
	27,211,947	13,798,467	4,238,340		Grand Total .	8 465,577

Note.—(1) The difference in the figures of columns 2, 3 and 4 as compared with
(2) Variations from last year's figures in columns 7 and 8 are also

IV-E—*concluded.*

Area at present estimated as annually irrigated by the works specified in column 6	Area irrigated in Acres.						Rainfall.		Remarks.
	1920-1921.			1921-1922.			1920-1921.	1921-1922.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
206,740	122,658	8,723	131,381	110,461	34,216	144,677	0 98	7 91	
41,900	30,835	7,430	38,265	29,087	9,729	38,816	1 79	10 49	
142,500	89,578	632	90,205	70,780	5,848	76,628	0 57	8 96	
2,000	2,117	75	2,192	1,688	425	2,113	1 76	10 42	
35,000	42,014	1,522	43,536	31,431	7,808	39,239	3 34	13 22	
13,000	13,325	370	13,695	10,463	1,487	11,950	1 44	10 85	*The culturable area commanded was erroneously shown more by the Executive Engineer last year hence the difference.
3,000	4,684	193	4,877	4,062	203	4,265	1 20	9 10	
4,000	2,998	91	3,089	3,300	106	3,406	1 25	9 41	
448,140	308,204	19,036	327,240	261,272	59,822	321,094			
68,140	41,497	1,751	43,248	35,573	7,817	43,390	0 19	6 82	†83 acres shown more by Collector of Nawábsháh.
5,600	8,390	64	8,454	4,869	440	5,309	0 72	3 59	
82,000	77,157	1,135	78,292	72,207	7,803	80,010	0 79	3 73	
45,000	39,201	1,848	41,049	35,118	6,891	42,009	0 74	3 72	
18,000	10,115	490	10,605	10,052	2,044	12,096	0 58	4 81	
110,000	88,548	9,817	98,365	84,359	22,844	107,203	0 92	6 96	‡Increase due to 24 acres having been taken from unassessed uncultivable land.
8,500	7,366	763	8,129	6,911	1,231	8,142	0 82	10 21	
500	253	162	415	305	135	440	0 82	10 21	
11,000	8,703	722	9,425	8,684	1,370	10,054	0 88	9 35	
67,000	57,203	4,690	61,893	57,945	6,177	64,122	0 72	8 72	
24,000	20,459	2,422	22,881	20,510	2,458	22,968	1 20	9 10	
9,550	3,894	1,424	5,318	4,283	3,273	7,555	0 69	7 57	
444,299	362,786	25,288	388,074	340,816	62,482	403,298			
...	...	...	...	...	...	...	...	...	
1,591	1,419	214	1,633	1,432	197	1,629	0 88	9 35	
6,929	6,609	1,006	7,615	6,837	1,385	8,222	0 72	8 72	
37,648	39,074	10,354	49,428	39,803	10,746	50,549	1 20	9 10	
22,685	23,773	2,057	25,830	23,131	2,526	25,657	1 36	10 70	
25,602	30,071	2,164	32,235	28,582	3,008	31,590	1 25	9 41	
26,188	26,459	2,912	29,371	24,114	3,520	27,634	1 07	9 98	
30	27	59	86	54	36	90	...	...	
325,469	321,019	63,363	384,382	331,086	64,812	395,898	1 68	10 7	
15,092	16,657	521	17,178	14,793	1,426	16,219	2 48	10 19	
18,382	20,197	1,178	21,375	19,317	2,271	21,588	1 87	12 4	
479,676	485,305	83,828	569,133	489,149	89,927	579,076			
3,493,644	2,415,586	591,433	3,007,019	2,297,661	952,932	3,250,593			

the last year is due to revised figures reported by the Revenue Authorities.
due to fresh figures received from the Collectors.

BOMBAY: PRINTED AT THE GOVERNMENT CENTRAL PRESS.

NORTHERN DIVISION

BOMBAY PRESIDENCY

TO ACCOMPANY THE IRRIGATION ADMINISTRATION REPORT

1921-22.

SCALE 20 MILES TO 1 INCH

REFERENCES

AHMEDABAD DISTRICT

KAIRA DISTRICT

PANCHMAHALS DISTRICT

BROACH DISTRICT

SURAT DISTRICT

GUJARAT IRRIGATION DISTRICT.

Works in Operation.

AHMEDABAD COLLECTORATE.

1. Hachmati Canal.
2. Bokh Reservoir.
3. Panar Dediasan Drainage.
4. Viramgam Drainage.
5. Narsingpur Drainage.
6. Ghoda Feeder.
7. Ogan Drain.
8. Drain from Godhavi to Gorej.
9. Chekhla Drain.
10. Khari Cut.
11. Chandola Tank.
12. Vasai Reservoir.

KAIRA COLLECTORATE.

13. Khari Shoots.
14. Gobhalaj Tank.
15. Gaiki Tank.
16. Bhoraj Reservoir.
17. Matar Drain.
18. Tranja Tank.
19. Nagrama Tank.
20. Anand Mojri Drain.
21. Karamsad Drain.
22. Salat Tank.
23. Saali Tank.
24. Wangroli Tank.

PANCHMAHALS COLLECTORATE.

25. Mandelao Tank.
26. Ratnesheer Tank.
27. Mawalia Tank.
28. Gatabada Tank.
29. Matao Tank.
30. Fatelao Tank.

Incomplete Works.

AHMEDABAD COLLECTORATE.

31. Timba Tank.

KAIRA COLLECTORATE.

32. Patiej Tank.
33. Kunbha Tank.
34. Kantrana Tank.
35. Naika Reservoir.
36. Pirodsar Tank.

PANCHMAHALS COLLECTORATE.

37. Kanelao Tank.
38. Orwada Tank.
39. Ganeli Tank.
40. Rajayia Wandeli Tank.
41. Danguna Tank.
42. Bodidra Tank.
43. Vada Talao.
44. Chharchhora Ambli Tank.
45. Suki River Project.
46. Warod Supoi Tank.

BROACH DISTRICT.

Works in Operation.

1. Kora Madapher Jantram Drainage Channel.
2. Nobaramra Kotwar do do
3. Namdhana Nobar do do
4. Amanpur Nadiad do do
5. Sindhav do do
6. Wanesta do do
7. Channel from Uber Vile to meet Chl. near Dalia.
8. Kolvan Itola Drainage Channel.
9. Ghamnad Drainage Channel including Dandu and Shimal tha.
10. Nimm Channel.
11. Samadhpur Paniadra Channel.
12. Pakhajan Ambhel do
13. Nedida Akhod do
14. Jalva do
15. Dra Vichiad Badalpur do
16. Rahad do
17. Waghusan Drainage do
18. Wansi do
19. Adel Hajat do
20. Asta do
21. Asarsa Reclamation Bund.
22. Hansot do do
23. Protective Bund at Kadodra.
24. do do Lakhigam.
25. do do Harbhagar.
26. do do Gandhar.
27. Bund at Nada village.
28. do at Islampur.
29. do between Nada and Deela villages.

SURAT DISTRICT.

Works in Operation.

30. Morthan Channel.
31. Waghrej Protective Works.

CENTRAL & DECCAN IRRIGATION DIVISIONS
BOMBAY PRESIDENCY

To Accompany the Irrigation Administration Report

1921-22

Scale 24 Miles to an Inch

WEST KHANDESH DISTRICT.

Works in Operation

1. Mokti Tank.
2. Talwada do
3. Tapti River Minor Tributaries
4. Upper Panjhra River Group.
5. Lower do do do
6. Batai River Group.
7. Kan do do

Incomplete Work.

1. Parmapada Tank.

EAST KHANDESH DISTRICT.

Works in Operation

1. Jamda R. B. Canal
2. do L. B. do
3. Mhatwa Tank
4. Hartala do

NASIK IRRIGATION DISTRICT.

Works in Operation

1. Waghad Tank.
2. Chankapur Tank.
3. Khirdiambe do
4. Girna L. B. Canal.
5. Palkhed do
6. Wadali do
7. Ojhar Tambat do
8. Panzal Tank.
9. Girna Group.
10. Aram Group.
11. Mosam do
12. Godavari do
13. Kadwa do
14. Darna do
15. Dee do
16. Mahalangi do
17. Darna Reservoir. (Lake Scale)

Works under Construction—Incomplete Works.

18. Bhandardara Dam (Lake A. Mill).
19. Girna L. B. Canal Extension.
20. Odal Tank.

PRAVARA CANALS DISTRICT.

Works in Operation.

1. Godavari R. B. Canal ..... (from 0 to end)
2. do L. B. do ..... do do
3. Pravara R. B. do ..... do do
4. do L. B. do ..... do do
5. Lakh Canal ..... (to be abandoned)

AHMEDNAGAR DISTRICT.

Work in Operation

Bhandi Tank.

Works under Construction.

1. Visapur Tank.
2. Khanapal do

POONA IRRIGATION DISTRICT.

Works in Operation

1. Nira Canal.
2. Shetphal
3. Lake Fife (Mutha Canals)
4. Mandha.
5. Kasardi.
6. Shirsuphal
7. Bhadalwadi.

Incomplete Works.

8. Khamgaon
9. Varvand

LAKE WHITING DISTRICT.

Work under Construction

New Bhanghar Dam (New Lake Whiting.)

Work in Operation

1. Lake Whiting

LONAND DISTRICT.

Works under Construction.

Nira R. B. Canal (from mile 0 to 47.)

Work in Operation

NIL.

MALSIRAS DISTRICT.

Work under Construction.

Nira R. B. Canal (from mile 48 to 116).

Work in Operation

1. Mharwad Tank.

Incomplete Works

2. Bhambardi Tank.
3. Badhbal do

SHOLAPUR DISTRICT.

Works in Operation.

1. Ekruk Tank.
2. Ashti do
3. Pathri do
4. Wadshivane Tank
5. Karagane do

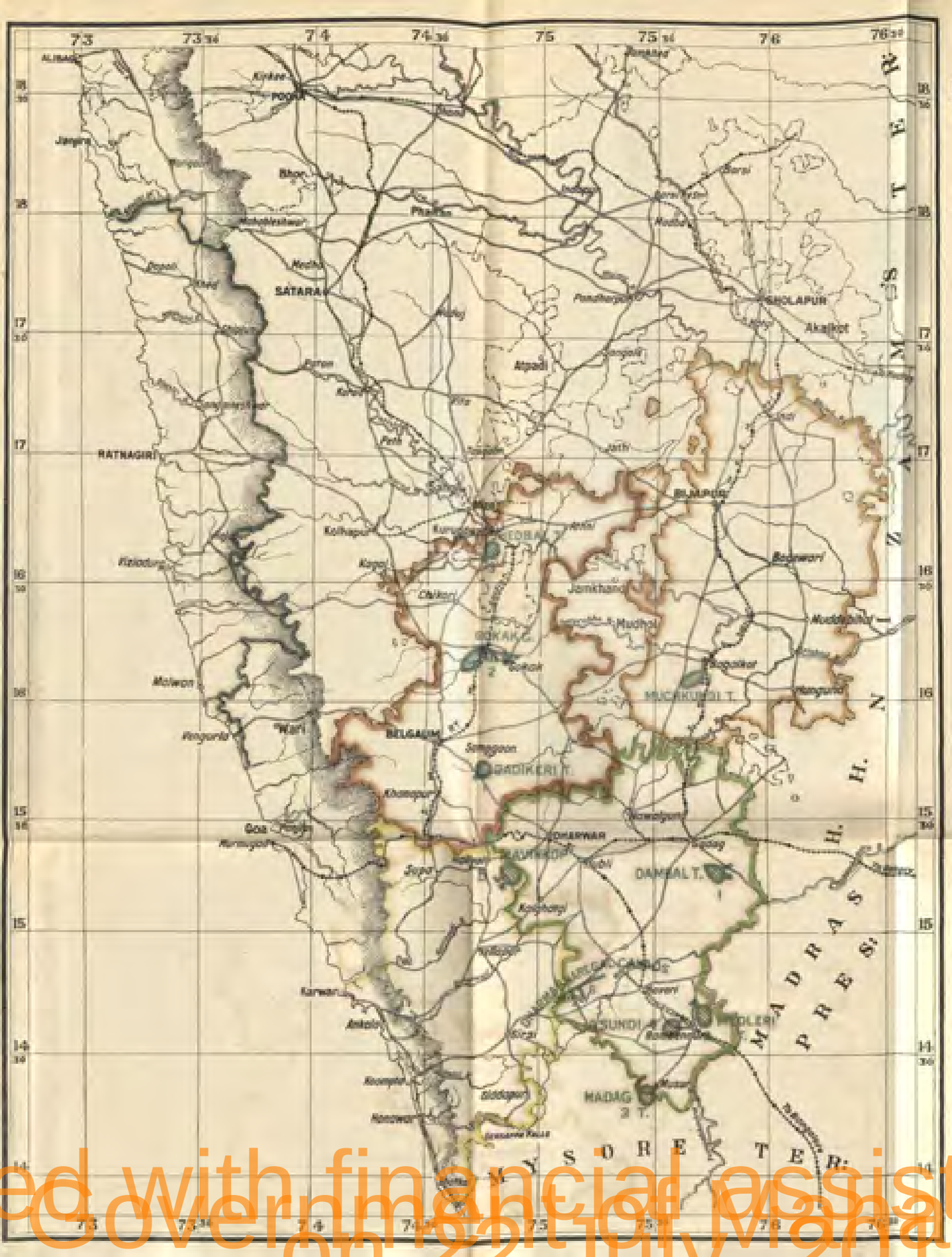
Incomplete Works

1. Hargi Tank.
2. Mangi do

SATARA DISTRICT.

Works in Operation.

1. Nawadi Canal.
2. Nhar Tank.
3. Pingli Tank.
4. Mayni Tank.
5. Chikli Canal.
6. Kriaram Canal.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73 30
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BOMBAY
POONA
SATARA
SHOLAPUR
RATNAGIRI
BELGAUM
BIJAPUR
KOLHAPUR
KARWAR
DHARWAR
GADAG
MUDHOL
JAMKHANDI
MUCHKUNDI T.
GADIKERI T.
DAMBAL T.
MADAG T.
BAGALKOT
HUNGUND
MUDHOL
Akalkot
Phaltan
Karad
Miraj
Athni
Chikori
Gokak
Ramdurg
Nargund
Gajendragad
Kopal
Yelburga
Sirsi
Supa
Haliyal
Ankola
Honavar
Kumpta
Bhatkal
Mangalore
Coondapoor
Goa
Jaigarh
Vingorla
Malwan
Rajapur
Chiplun
Khed
Mahad
Panvel
Alibag
Pen
Roha
Murud
Wai
Phaltan
Indapur
Pandharpur
Barsi
Karmala
Madha
Akalkot
Jath
Sangli
Tasgaon
Kagal
Gargoti
Ajra
Sankeshwar
Hukeri
Raibag
Chikodi
Nipani
Kurundwad
Shirol
Hatkanangle
Shahapur
Kagwad
Mudhol
Jamkhandi
Bagalkot
Badami
Hungund
Gajendragad
Ron
Nargund
Navalgund
Kalghatgi
Hubli
Kundgol
Dharwar
Kod
Gadag
Betgeri
Shirhatti
Mundargi
Naregal
Ron
Gajendragad
Nargund
Navalgund
Kalghatgi
Hubli
Kundgol
Dharwar
Kod
Gadag
Betgeri
Shirhatti
Mundargi
Naregal
Bellary
Hospet
Kudligi
Harpanhalli
Harihar
Davangere
Chitaldrug
Hiriyur
Holalkere
Shimoga
Sagar
Honnali
Ranibennur
Haveri
Hangal
Savanur
Shiggaon
Byadgi
Hirekerur
Ranibennur
Haveri
Hangal
Savanur
Shiggaon
Byadgi
Hirekerur
Raneb

INDEX MAP
OF
SIND
to accompany the Irrigation Administration Report
1921-22
Scale 16 Miles to an Inch.
REFERENCES.
Canal District Boundaries shown thus
Canals
Railway Line
Roads
Under construction
River gauges
Rain gauges
GHARO
KARACHI
HYDERABAD
MIRPUR KHAS
UMARKOT
Chachro
Tando Bago
Badin
Mirpur Sakro
Jati
Mugalbin
Lakhpat
NAGAR PARKAR
RANN OF CUTCH
CUTCH
CUTCH
ARABIAN SEA
JACOBABAD
SHIKARPUR
LARKANA
Mehar
Dadu
Sehwan
Kotri
Tando Adam
Tando Allahyar
Matli
Jhudo
Nawabshah
Sanghar
Mirpur Mathelo
Ghotki
Khairpur
Sukkur
Rohri
Shahdadpur
Kandiaro
Naushahro Feroz
Moro
Kandhkot
Kashmore
Garhi Yasin
Shikarpur
Lakki
Khanpur
Rohri
Sukkur
Khairpur
Nara
Ghotki
Mirpur Mathelo
Shahdadpur
Kandiaro
Naushahro Feroz
Moro
Sanghar
Nawabshah
Tando Adam
Tando Allahyar
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Hyderabad
Kotri
Sehwan
Dadu
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Khairpur
Nara
Ghotki
Kashmore
Garhi Yasin
Shikarpur
Lakki
Khanpur
Rohri
Sukkur
Jacobabad
Larkana
Kandhkot
Moro
Kandiaro
Shahdadpur
Nawabshah
Sanghar
Mirpur Mathelo
Ghotki
Khairpur
Sukkur
Rohri
Shikarpur
Lakki
Khanpur
Jacobabad
Larkana
Kandhkot
Kashmore
Garhi Yasin
Dadu
Mehar
Sehwan
Kotri
Hyderabad
Tando Adam
Tando Allahyar
Matli
Badin
Jati
Mugalbin
Lakhpat
Umarkot
Chachro
Tando Bago
Mirpur Sakro
Nagar Parkar
Rann of Cutch
Cutch
Cutch
Arabian Sea
Gharo
Karachi
Hyderabad
Mirpur Khas
Umarkot
Chachro
Tando Bago
Badin
Jati
Mugalbin
Lakhpat